Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

SHOUT
SHARE
IT

Beals
Recd 8-24-07.
6261

1907

J. M. THORBURN & CO.

Bulbs

for FALL PLANTING

LIBRARY,
Department of Agriculture,
Washington, D.C.

J. M. THORBURN & CO.
ESTABLISHED 1802
33 BARCLAY ST.
THROUGH TO PARK PLACE
NEW YORK

Thorburn's Special Collections of Choice Bulbs

THESE ASSORTMENTS ARE MADE UP OF THE FINEST STANDARD SORTS AND MAY BE RELIED UPON TO GIVE SATISFACTION

No. 1. Collection of Choice Bulbs for House Culture

Price, $2.50

If ordered by mail, add 30 cents for postage

6 White Roman Hyacinths
6 Fine Named Dutch Hyacinths
6 Fine Mixed Dutch Hyacinths
12 Fine Mixed Single Tulips
12 Fine Mixed Double Tulips
30 Mixed Crocus
6 Polyanthus Narcissus
6 Trumpet Narcissus, Princeps
6 Double Narcissus, Van Sion
12 Mixed Spanish Iris
6 Campernelle Jonquils
6 Freesia refracta

No. 2. Collection of Choice Bulbs for House Culture

Price, $4.75. Postage or Expressage extra

Consists of the same varieties as Collection *No. 1,* but with double the number of each sort.

No. 3. Collection of Choice Bulbs for House Culture

Price, $9. Postage or Expressage extra

Consists of the same varieties as Collection *No. 1,* but with four times the number of each sort.

No. 4. Collection of Hardy Bulbs for Outdoor Culture

Price, $2.50

If ordered by mail, add 40 cents for postage

6 Mixed Double Red Hyacinths
6 Mixed Single Blue Hyacinths
6 Mixed Single White Hyacinths
30 Mixed Early Tulips
50 Mixed Crocus
12 Mixed Double Anemones
1 Crown Imperial
20 Spanish Iris
6 Double White Narcissus
6 Butter-and-Eggs Narcissus

No. 5. Collection of Hardy Bulbs for Outdoor Culture

Price, $4.50. Postage or Expressage extra

Consists of the same varieties as Collection *No. 4,* but with double the number of each sort.

No. 6. Collection of Hardy Bulbs for Outdoor Culture

Price, $8. Postage or Expressage extra

Consists of the same varieties as Collection *No. 4,* but with four times the number of each sort.

INDEX

	PAGE
Allium	32
Amaryllis	19
American Wood Lily, or Indian Shamrock	31
Anemone, or Windflower	18
Arums	19
Bamboo Canes	41
Begonias, Tuberous-Rooted	20
Brodiæas	20
Callas	29
Calochortus	22
Choice Bulbs, Special Collection of	2d page cover
Choice Vegetable Seeds	38
Convallaria	17
Crinums	24
Crocus	21
Crown Imperials	20
Cyclamen	22
Dog's-tooth Violets	24
Erythroniums	24
Fertilizers	40
Fleur-de-lis	26
Flower Seeds for Frames and Greenhouses	36
Flower Seeds, Hardy	34, 35
Flower Tubs	41
Freesia	23
Fritillarias	23
Galanthus	30
Gladiolus	25
Gloxinias	25
Grape Hyacinths	25
Grass Seeds for Autumn Sowing	39
Hyacinth Glasses	41
Hyacinths	2-6
Insecticides and Remedies for Plant Diseases	40
Iris	26
Ixias	24
Jonquils	14
Lachenalia	27
Lawn Sweeper	37
Lilies	15-17
Lily-of-the-Valley	17
Mariposa Lily, or Butterfly Tulip	22
Miscellaneous Articles	41
Miscellaneous Bulbs and Roots	32, 33
Montbretias	27
Mushroom Spawn	39
Narcissus	12-14
Nerine	27
Ornithogalum	27
Oxalis	28
Pansy	37
Peonies	28
Plant-food	41
Ranunculus	29
Richardias	29
Scillas	30
Snowdrops	30
Spiræa, or Astilbe	31
Trilliums	31
Tulips	7-11
Tuberoses	30

Copyright, 1907, by J. M. Thorburn & Co.

Established 1802
Incorporated 1894

Autumn, 1907

J. M. THORBURN & CO.

CATALOGUE OF

Bulbs and Flowering Roots for Fall Planting

August 12, 1907.

THE growing of bulbs for winter and spring flowering is very interesting and very easy. If the directions given in this Catalogue are observed, there need be no disappointment with the results. Many of our most beautiful flowers are produced from bulbs, and they may be grown indoors in the winter months when flowers are most appreciated. By successive plantings a constant supply of flowers may be had from December till May. The finest outdoor displays of the early spring months are also from bulbs planted in the autumn. There is nothing more refreshing than the first Snowdrop of spring. It appears before the snow is right off the ground and is quickly followed by the Chionodoxa, or "Glory-of-the-Snow," the bright and variously colored Crocuses and Scillas and the lovely Daffodils. Then come the gorgeous lawn displays of Hyacinths and Tulips. All these are produced from bulbs planted in the fall.

We invite special attention to the collections of bulbs offered on the cover page opposite, both for indoor and outdoor cultivation. They contain only sorts that will insure satisfaction. The cultural directions found under the respective headings are also worthy of careful attention.

Our bulbs are all selected, coming from the best growers, and should not be confounded with the cheap "case" bulbs sent to this country on speculation and often sold at auction, and otherwise, at very low prices.

NAME and ADDRESS. *We often receive orders with either the name or the address of the sender omitted. As we can do nothing with them, the customer thinks his order is being neglected. We, therefore, beg our correspondents to write on each order their name and full address.*

ORDERS should be sent as soon as possible after receipt of this Catalogue. The bulbs will be sent in proper time for planting. They are ready from August to November, according to the time of ripening and the country from which they come. Orders booked earliest are surest of being filled as ordered. If left too late, the supply of some of the varieties may be exhausted.

Please address all orders and remittances to

J. M. THORBURN & CO.
33 Barclay Street through to **38 Park Place**
NEW YORK

F. W. BRUGGERHOF, PRESIDENT.
E. E. BRUGGERHOF, VICE-PRES. AND TREAS.
J. J. WILSON, SECRETARY.

HYACINTHS

READY FOR DELIVERY IN SEPTEMBER

The Hyacinth is one of the most popular and beautiful of spring-flowering plants for indoor and outdoor decorations. By careful management in keeping up a succession, they may be had in flower from the beginning of winter to the end of May. For a spring display in the open ground they are unexcelled. Brilliant effects can be obtained by massing different colors in varieties that grow about the same height and bloom at the same time. We furnish very large numbers for this purpose to public parks and cemeteries, and we shall be pleased to recommend to any one suitable sorts, when desired.

BED OF HYACINTHS

OUTSIDE CULTURE.—In this section, October is the month to plant Hyacinths outside. They succeed best in a light soil and in a sunny situation. If the soil is naturally heavy, some sand should be mixed with it; and, if the beds have been occupied with other plants throughout the summer, some well-rotted cow manure should be added. The soil should be well dug to a depth of 14 inches, and raised from 2 to 4 inches above the level of the walk. The bulbs should be planted evenly, about 6 inches deep to the bottom of the bulb, and from 6 to 7 inches apart; if planted at uneven depths they will not bloom at the same time, but irregularly. Care must be taken not to press the earth too firmly around and over the bulbs; some successful gardeners follow the plan of setting each bulb in a handful of clean sand, which insures proper drainage. After the ground has been frozen in early winter, cover with a few inches of dry litter, evergreen boughs or coarse manure. If this covering be applied before freezing weather, it renders the bulbs liable to the predations of field mice, which may burrow in it.

CULTURE IN POTS. For growing in pots, large, selected, named varieties should be used. They should be potted singly in 5-inch or 6-inch pots. Three bulbs in a 7-inch pot are very effective. The best potting compost is fibry loam and manure in about equal parts, with some river sand intermixed. The pots should be filled lightly, and the bulb pressed into the soil so that its base is firmly fixed. About one-third of the bulb should remain above the soil. The pots should then be buried in the open ground to the depth of 6 inches, and left there for five or six weeks, until they are well filled with roots. They may then be taken into the house, where the warmth will soon bring them into flower. Where a succession is desired, it is best to pot at intervals from September till the end of November. Plenty of water should be always applied, and manure-water is beneficial after the flower-spikes appear.

CULTURE IN GLASSES.—Single varieties are better adapted for culture in glasses than double ones. The bulb should be placed so that the base is just in contact with the water. Soft rain-water should be used, and a little charcoal might be placed in it to keep it pure. The glasses should be kept in a cool, dark closet for ten or twelve days, until roots are formed, and then exposed to the light and air as much as possible. Do not place them near gaslight. In very cold weather the glasses should be removed from the window, as the bulbs cannot stand frost. The water should never be allowed to freeze, and it should be changed every two or three days.

Persons unacquainted with the different varieties will do well to leave the selections to us, only specifying in their orders whether the bulbs are wanted for pot, glass or garden culture.

We invite special attention to the assortments of named Hyacinths of our selection offered on page 4, and to the Hyacinth glasses which are described at the end of the Catalogue.

The names of our Hyacinths and Tulips are those given to them by the originators in Holland, and are not sold under fancy names manufactured in this country.

SELECT NAMED HYACINTHS

N. B. *Our selected named Hyacinths are the cream of the Holland Nurseries* under their original names. *For forcing in pots or for outdoor beds they far surpass the class of bulbs usually sold.*

The single-flowered varieties are generally more effective and better for forcing than the Double ones. They also, as a rule, succeed better in glasses. The Double varieties are distinguished by an asterisk (*) and those of them that do well for forcing in water by two asterisks (**).

If ordered by mail, please add 15 cts. per dozen for postage. Three of a kind sold at the dozen rate.

NAMED BLUE HYACINTHS

	Each	Doz.
*Albion. Dark blue	$0 15	$1 50
Baron van Thuyll. China-blue	12	1 25
Bleu Mourant. Dark; compact	10	1 00
**Blocksberg. Porcelain, striped	15	1 50
Blondin. Tinged with purple	15	1 50
*Bride of Lammermoor. Dark blue	15	1 50
Captain Boyton. Porcelain-blue, large bells and truss	15	1 50
Charles Dickens. Dark porcelain	15	1 50
**Charles Dickens, Double. Dark blue	15	1 50
Czar Peter. Splendid light blue	18	1 75
*Delicata. Light blue; very fine	20	2 00
*Garrick. Deep lilac-blue	12	1 25
**General Anthink. Light blue	12	1 25
General Pelissier. Porcelain	15	1 50
Grand Lilas. Porcelain-lilac	15	1 50
Grand Maitre. Large truss; deep porcelain-blue; extra fine	12	1 25
Johan. Pale gray-blue; large bells; splendid compact spike	20	2 00
King of the Blues. Dark blue	12	1 25
La Peyrouse. Light porcelain	$0 12	$1 25
*Laurens Koster. Violet-blue	20	2 00
Leonidas. Clear blue	12	1 25
Leopold II. Dark blue; large compact spike	15	1 50
Lord Derby. Light porcelain	25	2 50
*Lord Wellington. Dark stripes	15	1 50
Marie. Bright blue	10	1 00
Masterpiece. Purplish black; fine	25	2 50
**Mignon de Dryfhout. Light porcelain, shaded blue	15	1 50
Mimosa. Purplish black, fine compact truss	12	1 25
Orondatus. Light blue; early	20	2 00
**Othello. Violet-black	15	1 50
*Prince von Saxe Weimar. Dark blue; large spike	12	1 25
Queen of the Blues. Light; extra	15	1 50
Regulus. Large; porcelain-blue	10	1 00
Schotel. Fine porcelain; immense spike	25	2 50
*Van Speyk. Lilac; large bells	15	1 50
William I. Fine purplish black	15	1 50

NAMED PURE AND BLUSH-WHITE HYACINTHS

	Each	Doz.
Alba Maxima. Pure white	$0 20	$1 75
Alba Superbissima. Pure white	15	1 50
Albertine. Pure white	15	1 50
Angenis Christine. Pure white	15	1 50
*Anna Maria. Blush, purple eye	15	1 50
Baroness van Thuyll. Pure white; large truss; very early	15	1 50
Blanchard. Pure white	20	2 00
*Bouquet Royal. Pure white	15	1 50
British Queen. Pure white	30	3 00
Elfride. Blush-white; large bells	12	1 25
*Flevo. Pure white	15	1 50
*Grand Vainqueur. Pure white	15	1 50
Grand Vedette. Pure white	12	1 25
Grandeur a Merveille. Blush-white; large truss	12	1 25
*Isabella. Rosy white; grand spike	15	1 50
La Grandesse. Pure white; extra	20	2 00
La Franchise. Fine waxy white	12	1 25
La Neige. Pure white	20	2 00
**La Tour d'Auvergne. Pure white	$0 15	$1 50
**La Virginite. Blush-white	15	1 50
Leviathan. Blush-white	20	2 00
L'Innocence. Pure white; large truss	15	1 50
Madame Vanderhoop. Pure white	15	1 50
Mammoth. Pure white; large bells	12	1 25
Mina. Pure white; large	15	1 50
*Miss Nightingale. Extra fine, pure white	35	3 50
Mont Blanc. Pure white; splendid	20	2 00
Mr. Plimsoll. Blush-white; large truss	15	1 50
*Ne Plus Ultra. Blush-white	15	1 50
Paix de l'Europe. Pure white	15	1 50
**Prince of Waterloo. Pure white	15	1 50
*Princess Metternich. Blush-white	20	2 00
Queen Victoria. Pure white; large truss	15	1 75
Rousseau. Rosy eye	12	1 25
*Sceptre d'Or. Pure white	15	1 50
Snowball. Large; pure white	25	2 50
Vesta. Blush-white	12	1 25
Voltaire. Blush-white	12	1 25

NAMED RED, CRIMSON AND PINK HYACINTHS

	Each	Doz.
Amy. Carmine	$0 12	$1 25
Baron van Thuyll. Fine rose; early	12	1 25
*Bouquet Royal. Rose, red center	12	1 25
**Bouquet Tendre. Crimson	12	1 25
Cardinal Wiseman. Carmine-rose; immense spike	15	1 50
Charles Dickens. Fine pink; early	$0 20	$2 00
*Chestnut Blossom. Pink; fine	20	2 00
Countess of Roseberry (Dr. Coindet). Brilliant carmine	20	2 00
**Czar Nicholas. Pale rose; large	15	1 50
Fabiola. Pink, carmine-striped	12	1 25

NAMED RED, CRIMSON AND PINK HYACINTHS, continued

	Each	Doz.
Garibaldi. Brilliant carmine; fine	$0 20	$1 75
General Pelissier. Carmine	12	1 25
Gertrude. Fine compact spike; bright pink, one of the best for in- or out-of-doors	12	1 25
Gigantea. Bright rose	12	1 25
*Glory of the Netherlands. Fine rose	15	1 50
Grand Vainqueur. Rose; large truss	20	1 75
**Grootvorst. Peach blossom	12	1 25
Homerus. Bight red; early	15	1 50
Kohinoor, Single. Splendid dark rose	25	2 50
*Kohinoor, Double. Bright rose; large spike.	20	2 00
Lady Derby. Bright rose	40	4 00
La Reine des Jacinthes. Crimson	12	1 25
Linnaeus. Fine crimson	15	1 50
Lord Macaulay. Carmine stripes	15	1 50
Lord Wellington, Single. Rose	12	1 25
**Lord Wellington, Double. Extra large	15	1 50
Madame Hodson. Pink, striped carmine	12	1 25
Maria Catharina. Deep crimson	$0 12	$1 25
Maria Cornelia. Light rose; early	15	1 50
Monsieur Hoboken. Soft carmine; extra	15	1 50
Moreno. Waxy pink	15	1 50
Norma. Delicate waxy pink	12	1 25
**Noble par Merite. Fine red	12	1 25
**Prince of Orange. Semi-double; blush-rose.	12	1 25
Prince of Orange, Single. Rose; fine truss	12	1 25
*Princess Alexandra. Magnificent dark rose.	15	1 50
*Princess Louise. Dark red	15	1 50
*Regina Victoria. Light rose	15	1 50
Robert Steiger. Fine crimson	12	1 25
Roi des Belges. Dark red; fine truss	12	1 25
Rosea Maxima. Delicate rose; fine spike	15	1 50
Sarah Bernhardt. Fine rose	25	2 50
*Sir Walter Scott. Light rose, large bells	20	2 00
Von Schiller. Large; dark truss	15	1 50

NAMED LILAC AND MAUVE HYACINTHS

	Each	Doz.
Charles Dickens. Light violet; splendid	$0 20	$2 00
Haydn. Lilac-mauve	20	2 00
Jeschko. Fine spike; dark lilac	20	2 00
L'Esperance. Glowing claret; late	25	2 50
L'Unique. Dark violet	$0 20	$2 00
Lord Balfour. Reddish violet; large bells	25	2 50
Sir Edwin Landseer. Rich claret	25	2 50
Sir William Mansfield. Fine mauve	20	2 00
Thackeray. Violet-purple	20	2 00

NAMED YELLOW AND ORANGE HYACINTHS

	Each	Doz.
Adelaide Ristori. Fine, pure yellow; early	$0 35	$3 50
Bird of Paradise. Dark yellow	15	1 50
*Bouquet Orange. Reddish orange	15	1 50
Duc de Malakoff. Salmon, striped	12	1 25
Fleur d'Or. Pale yellow	12	1 25
**Goethe. Pale yellow	15	1 50
Herman. Orange	20	2 00
Heroine. Yellow, tipped green	20	2 00
Ida. Pure yellow	15	1 50
**Jaune Supreme. Dark yellow	$0 20	$2 00
King of the Yellows. Deep yellow	20	2 00
La Pluie d'Or. Light yellow	12	1 25
*Minerva. Orange	15	1 50
Obelisque. Golden yellow	15	1 50
*Ophir d'Or. Yellow, purple center	15	1 50
Sonora. Large; yellow	15	1 50
*Sunflower. Buff-yellow	20	2 00
Yellow Hammer. Golden yellow	30	3 00

COLLECTIONS OF HYACINTHS, OUR SELECTION

No. 1. **12 Named Hyacinths,** for house culture in pots or glasses $1 25
No. 2. **12 Fine Named Hyacinths,** for house culture in pots or glasses 1 75
No. 3. **12 Extra-fine Named Hyacinths,** for house culture in pots or glasses 2 25
No. 4. **50 Fine Named Double** and **Single Hyacinths,** in 12 varieties 4 50
No. 5. **100 Fine Named Double** and **Single Hyacinths,** in 25 varieties 8 50

GROUPS OF HYACINTHS FOR DESIGN BEDDING

To obviate the disappointment resulting from selecting unsuitable varieties for design beds, we give the following groups of some of the sorts that bloom about the same time and grow to the same height. They will all form most effective combinations. We recommend **named** sorts for design bedding as decidedly better than mixtures.

Baron van Thuyll, Red.
Alba Superbissima, White.
Charles Dickens, Blue.

Gigantea, Red.
Grandeur a Merveille, White.
Baron van Thuyll, Blue.

Robert Steiger, Red.
Mad. Vanderhoop, White.
Marie, Blue.

General Pelissier, Red.
Baroness van Thuyll, White.
Grand Maitre, Blue.

Norma, Red.
La Franchise, White.
La Peyrouse, Blue.

J. M. THORBURN & Co. *February 8, 1907.*

The bulbs I purchased from your house last fall are in perfect bloom, and are superb.

Signed. (Mrs.) ALICE E. BIRD.

SINGLE HYACINTHS

MIXED HYACINTHS IN SEPARATE COLORS

The very largest size. Suitable either for forcing or bedding

Our Mixed Hyacinths should not be confounded with the small-sized, low-priced mixtures often sold. Our bulbs are all of the largest size. Being furnished in so many separate colors, splendid bedding effects may be produced with them. They are also admirably adapted for forcing in the greenhouse for winter cut-flowers.

If ordered by mail, add 10 cents per dozen for postage. Three of a color at dozen rates, 25 of a color at 100 rates.

	Doz.	100
Single Dark Blue	$0 60	$4 25
" **Light Blue**	60	4 25
" **Blue.** All shades	60	4 25
" **Dark Red**	60	4 25
" **Rose and Pink.** All shades	60	4 25
" **Red.** All shades	60	4 25
" **Pure White**	60	4 25
" **Blush-White**	60	4 25
" **White.** All shades	60	4 25
" **Yellow.** All shades	60	4 25
" **MIXED COLORS** per 1,000. $34	60	4 00

	Doz.	100
Double Dark Blue	$0 60	$4 50
" **Light Blue**	60	4 50
" **Blue.** All shades	60	4 50
" **Dark Red**	60	4 50
" **Rose and Pink.** All shades	60	4 50
" **Red.** All shades	60	4 50
" **Pure White**	60	4 50
" **Blush-White**	60	4 50
" **White.** All shades	60	4 50
" **Yellow.** All shades	60	4 50
" **MIXED COLORS** per 1,000, $35	60	4 25

FRENCH ROMAN HYACINTHS

Extensively used by florists for forcing for cut-flowers. For this purpose they are the best and most popular of bulbs. The flowers are pure white, delightfully fragrant, and each bulb will throw up from three to four spikes. For forcing, three or four bulbs are generally planted in a suitable pot, in good soil (as recommended for other varieties). The pots must be kept in a cool and dark place until they fill with roots, when the flower-spikes can be rapidly developed by exposure to light and moderate heat. They are very easily grown and extremely early, and by making successive plantings they may be had in flower all through the winter. The blue and rose Roman Hyacinths flower from one to two weeks later than the white variety.

ROMAN HYACINTHS

If by mail, add 10 cts. per dozen for postage.

	Each	Doz.	100
Pure White. First size. 1,000, $34	$0 06	$0 60	$4 00
" " Finest selected per 1,000, $40	08	75	5 00
" " Extra-selected	10	1 00	6 00
" " Mammoth size	12	1 25	7 50
Double Rose-Pink Roman	05	55	3 50
Double Dark Rose Roman	05	55	3 50
Single Blue Roman	05	55	3 50

MINIATURE HYACINTHS

These are also known as **"Dutch Roman"** and **"Pan Hyacinths."** They are very suitable for growing in groups in pots or earthen pans. We offer them in separate colors, and also mixed, as follows: **Pure White, Cream-White, Dark Red, Rosy Red, Light Blue** and **Dark Blue.** 40 cts. per doz., $2.75 per 100. **Mixed Colors.** 40 cts. per doz., $2.50 per 100.

ITALIAN HYACINTHS

These are grown largely by florists for cutting. The flowers are single, very graceful and fragrant, and produced abundantly. They are hardier than the Romans, and may also be planted outside in the fall for flowers for early spring cutting.

	Each	Doz.	100
Single White Italian	$0 06	$0 60	$4 00
" **Yellow**	10	1 00	6 00

TULIPS

TULIPS ARE READY FOR DELIVERY IN SEPTEMBER

For beauty of form and brilliancy of coloring Tulips are unequalled. For bedding they are the most popular and effective of all hardy bulbous plants. In our descriptions we give the color and average height to which they grow, so that purchasers can select suitable sorts for forming display beds in design. The most gorgeous effects can be produced by harmonious massing of contrasting colors. For pot culture and forcing for winter cut-flowers, they are also invaluable.

CULTURE.—The cultural directions given for hyacinths, on page 2, are equally applicable to Tulips, except that the bulbs, being smaller, must not be planted quite so deep. Four inches to the

TULIPS, continued

bottom of the bulb is deep enough, and a distance of 5 or 6 inches between the bulbs is sufficient. They may be planted in October and November before the ground freezes. A little sand around each bulb is generally recommended, but in light, sandy soil this may be dispensed with. For pot culture, a compost of two parts loam to one part light manure, with some sand intermixed, is suitable. From three to five bulbs, according to size, in a 5-inch pot, are very effective. The pots should be buried until the bulbs are well rooted, in the manner recommended for hyacinths. Most of the varieties named below are equally well adapted for pot culture or the open border.

A, B and C indicate season of flowering. A and B may be planted to flower about the same time in the open ground: C flowers later.

SINGLE EARLY TULIPS

If ordered by mail, add 5 cents per dozen or 30 cents per 100 postage. Six of a kind at dozen rates, 25 of a kind at 100 rates.

		Height in.		Doz.	100
C	**Admiration.** Fine scarlet	8	each 5c.	$0 40	$2 50
C	**Alba regalis.** Fine white	6	3 for 10c.	30	1 75
A	**Alida Maria.** Cherry-red, white-striped	7	each 6c.	50	3 00
B	**Artus.** Bright scarlet; fine bedder — per 1,000, $17	7	each 5c.	35	2 25
A	**Belle Alliance** (Waterloo). Rich scarlet, fine forcer or bedder — " $30	7	each 7c.	60	3 50
B	**Bizard Verdict.** Brilliant carmine, gold-striped	7	3 for 10c.	25	1 50
B	**Bride of Haarlem.** Red and white	6	each 8c.	70	4 50
B	**Brutus.** Orange-crimson, yellow edge; good forcer	6	each 5c.	35	2 00
A	**Canary Bird.** Rich golden yellow; fine cup; fine for forcing — per 1,000, $15	8	each 5c.	35	2 00
B	**Cardinal's Hat.** Dark crimson — " $11	8	3 for 10c.	30	1 75
B	**Cerise Grisdelin.** Purple-cerise, edged white; very beautiful	9	each 7c.	60	4 00
A	**Chrysolora.** Splendid; pure yellow; good forcer or bedder — per 1,000, $12	7	3 for 10c.	30	1 75
B	**Cottage Maid.** White, with rose edge; for forcing or bedding — " $15	7	each 5c.	35	2 00
C	**Couleur Cardinal.** Brilliant crimson; fine for bedding	8	each 9c.	75	5 00
B	" **Ponceau.** Rose, crimson border; on white ground — per 1,000, $12	8	3 for 10c.	30	1 75
A	**Crimson King** (Roi Cramoisi). Bright crimson; large flowers — " $18	7	each 5c.	40	2 50
B	**De Keyser.** Extra large; fine scarlet	6	each 9c.	75	5 00
C	**De Vlieger.** Very beautiful rose-color	7	each 10c.	90	6 00
A	**Duc de Berlin.** Red and yellow; early; fine	6	each 7c.	60	3 50
B	**Duchesse de Parma.** Red, yellow border; forcer and bedder — per 1,000. $17	9	each 5c.	35	2 25
B	**Dusart.** A splendid dark scarlet, unsurpassed for bedding	7	each 7c.	60	3 50
B	**Fabiola.** Large; white, deep violet-striped	7	each 7c.	60	3 50
B	**Gold Finch.** Pure yellow, sweet-scented early; forcer	7	each 5c.	40	2 25
B	**Golden Prince.** Bright yellow; fine for forcing or bedding — per 1,000, $12	7	3 for 10c.	30	1 75
B	**Jagt van Delft.** Pure white; good cup form	7	3 for 10c.	25	1 50
A	**Joost van Vondel.** Crimson and white; fine forcer or bedder — per 1,000, $18	7	each 5c.	40	2 50
B	**Keizerkroon.** Red, golden yellow border; fine forcer or bedder — " $25	9	each 7c.	60	3 50
A	**King of the Yellows.** Deep golden yellow; fine forcer; one of the earliest — " $18	8	each 5c.	40	2 25
A	**La Reine** (Queen Victoria). White, rose border; fine forcer — " $12	7	3 for 10c.	30	1 75
B	**L'Immaculee.** Pure white; fine forcer; very early — " $11	7	3 for 10c.	25	1 50
A	**Maas.** Dazzling scarlet; very large flowers; fine bedder	8	each 20c.	2 00	12 00
A	**Mon Tresor.** Large; pure yellow; extra fine; early forcer	8	each 6c.	50	3 00
B	**Moucheron.** Beautiful deep scarlet; fine large flower	8	each 12c.	1 00	7 00
B	**Nelly.** Pure white; very large	7	each 5c.	35	2 00
A	**Ophir d'Or.** Largest, deep, pure yellow; splendid forcer	7	each 5c.	40	2 25
B	**Pink Beauty.** Deep rose, with snowy white flush in outer petals, center white and yellow; a most lovely Tulip	7	each 30c.	3 00	
A	**Pottebakker, Yellow.** Bright canary, yellow-striped; forcer	8	each 5c.	40	2 25
A	" **White.** White self, good form; fine forcer	8	each 5c.	40	2 25
C	" **Scarlet.** Very effective; bright scarlet; forcer	8	each 6c.	50	3 00
B	**President Lincoln.** Light violet	7	each 7c.	60	3 50
A	**Prince de Ligne.** Rich yellow; extra fine forcer; very early; long stems	8	each 5c.	40	2 50
B	**Prince of Austria.** Splendid; orange-red; very fragrant; extra for forcing	9	each 7c.	60	4 00
A	**Princess Mary Ann.** Rosy white; extra large; fine forcer or bedder	7	3 for 10c.	30	1 75
A	**Proserpine.** Extra; salmon-pink; very fine form; good forcer — per 1,000, $38	7	each 8c.	75	5 00
A	**Purple Crown.** Dark purplish red	6	each 5c.	35	2 00
A	**Queen of the Netherlands.** Large, egg-shaped flowers; most beautiful, soft rose	8	each 25c.	2 50	
A	**Rachel Ruisch.** Extra fine rose; good forcer	8	each 5c.	35	2 00
A	**Rembrandt.** Superb; bright scarlet; large flowers; fine forcer	8	each 7c.	60	3 50
B	**Rosa Mundi Huikman.** Rose and white — per 1,000, $12	8	3 for 10c.	30	1 75
B	**Rose Aplati.** White, with soft rose edge; beautiful	7	each 8c.	70	4 50
B	**Rose Grisdelin.** White and dark rose; fine forcer and bedder	6	each 5c.	40	2 50
B	**Rose Luisante.** Deep rose; beautiful large flower	7	each 9c.	75	5 00

SINGLE EARLY TULIPS, continued

		Height in.		Doz.	100
B	**Rose Tendre.** Rose and white; splendid	6	each 5c.	$0 40	$2 50
B	**Sir Thomas Lipton.** Beautiful brilliant scarlet, fine for bedding	8	each 25c.	2 50	
B	**Standard Royal Silver.** White, crimson-striped	7	each 6c.	50	3 00
B	**Thomas Moore.** Buff-orange, shaded; distinct; fine bedder	9	each 5c.	40	2 50
A	**Van Berghem.** Fine deep rose	7	each 7c.	60	3 50
A	**Van der Neer.** Violet-purple; extra fine	6	each 7c.	60	3 50
B	**Van Goijen.** Rosy white; very beautiful; forcer	7	each 5c.	35	2 00
B	**Verboom.** Scarlet	6	each 7c.	60	3 50
A	**Vermilion Brilliant.** Most brilliant vermilion; fine for pots and for forcing	8	each 9c.	75	5 00
B	**Vesuvius.** Deep scarlet, very early	7	each 20c.	2 00	
B	**Wapen Van Leiden** (Arms of Leiden). White, rose-shaded	9	each 5c.	35	2 00
B	**Washington.** Silvery white; fine bedder and forcer	7	each 7c.	60	3 50
B	**Wouverman.** Splendid; dark violet	6	each 7c.	60	3 50
A	**White Hawk.** Large; pure white; fine for forcing	7	each 6c.	50	3 00
B	**White Swan.** Pure white; true egg-shaped variety	8	each 5c.	40	2 50
	Mixed Early Single, Thorburn's Special Mixture. Extra choice	per 1,000, $11	3 for 10c.	30	1 50

SINGLE LATE-FLOWERING TULIPS

These are all tall-growing May-flowering Tulips, with very large, most brilliantly colored flowers of perfect form. They will be found invaluable for garden work. The named Bizarres and Bybloems are the sorts grown by florists for show purposes.

		Doz.	100
Bizarres. Crimson, violet-purple, etc., on yellow ground (25 named varieties)	each 8c.	$0 70	$4 50
Bybloems. Rosy on white (25 named varieties)	each 10c.	80	5 50
Beauty of America. Cream, changing to pink	each 7c.	60	4 00
Bridesmaid (Blushing Bride). Splendid	each 5c.	35	2 00
Bouton d'Or (Ida). The only late pure deep yellow; very beautiful; fine for cutting	each 5c.	35	2 00
Gesneriana. Dazzling scarlet, black center; effective in beds; fine for cutting	each 5c.	40	2 50
Golden Crown. Deep yellow, edged red; fine for cutting	3 for 10c.	25	1 25
Golden Eagle, or **Yellow Gesneriana.** Deep yellow, with narrow orange-red fringe	3 for 10c.	30	1 75
Isabella. Rose and white; fine late sort	each 5c.	40	2 50
La Merveille. Salmon-rose, shaded orange-red; flowers of great size; elegant pitcher-shaped when closed; sweet-scented; magnificent	each 8c.	70	4 50
Parisian Yellow. Deep yellow, fine for cutting	each 10c.	90	6 00
Picotee (Maiden's Blush). White, with rose edge	each 5c.	40	2 50
Rose Pompon. Fine rose-color	each 6c.	50	3 00
Sweet Nancy. White, suffused rose	each 8c.	70	4 50
Yellow Queen. Large deep yellow	each 9c.	75	5 00

DOUBLE TULIPS

The Double Tulips come into bloom a little later than the single varieties. They are splendid for bedding, and the flowers last longer in bloom than the single sorts. Some of the sorts are quite dwarf.

If ordered by mail, add 6 cents per dozen for postage.

		Height in.		Doz.	100
B	**Agnes.** Brilliant red; early; quite dwarf	5	each 6c.	$0 50	$3 00
B	**Alba Maxima.** Pure white; early	7	each 5c.	40	2 25
A	**Anna Roozen.** Bright rose, fine large flower	7	each 9c.	75	5 00
B	**Beacon Light (Vuurbaak).** Bright fiery scarlet; extra large	6	each 13c.	1 25	8 00
A	**Blanche Hative.** Earliest pure white	7	each 7c.	60	4 00
C	**Belle Alliance.** Violet and white	12	each 6c.	50	3 00
C	**Bleu Celeste** (Blue Flag). Violet-blue; late	14	each 6c.	50	3 00
A	**Couronne des Roses.** Delicate rose	8	each 10c.	90	6 00
A	**Couronne d'Or.** Beautiful orange-yellow; large, handsome flower	8	each 8c.	70	4 50
C	**Duke of Leicester.** Yellow, late	7	each 5c.	40	2 25
B	**Duke of York.** Crimson and buff	8	each 5c.	35	2 00
A	**Gloria Solis.** Rich bronze-crimson, with yellow border; early	7	each 5c.	40	2 50
B	**Helianthus.** Scarlet, with yellow border; early	6	each 6c.	50	3 00
B	**Imperator rubrorum.** Rich crimson-scarlet; fine forcer; early	8	each 8c.	70	4 50

DOUBLE TULIPS

DOUBLE TULIPS, continued

		Height in.			Doz.	100
A	**Lady Grandison.** Dwarf scarlet; fine for bedding; early	7	each	5c.	$0 35	$2 00
A	**Lady Palmerston.** Rosy white; large flower; fine	10	each	8c.	70	4 50
B	**Lady Rosalind Northcote.** Rosy violet; large flower	7	each	10c.	90	6 00
B	**La Candeur.** Pure white; fine for bedding with Rex Rubrorum	6	each	5c.	40	2 50
B	**Le Blason.** Blush-white, tinted with rose; fine flowers; early	6	each	5c.	40	2 50
B	**Lucretia.** Beautiful soft pink	7	each	10c.	90	6 00
B	**Mariage de ma Fille.** Pure white, striped with rose; late-flowering	9	each	7c.	60	3 50
A	**Miss Margaret.** Bright rose; very beautiful; large flower	7	each	8c.	70	4 50
B	**Murillo.** Beautiful rosy white; fine for forcing; early	6	each	7c.	60	4 00
C	**Paeony Gold.** Clear golden yellow; late-flowering	6	each	6c.	50	3 00
C	**Paeony Red.** Fine, deep red; late-flowering	6	each	6c.	50	3 00
C	**Pourpre Blanc Borde.** Purple, white-bordered; late	6	3 for	10c.	30	1 75
B	**Premier Gladstone.** Deep cherry scarlet	7	each	8c.	75	5 00
A	**Prince of Wales.** Deep claret; handsome large flower	10	each	7c.	60	4 00
B	**Purperkroon.** Deep purple; early	8	each	5c.	35	2 00
B	**Queen Emma.** Brilliant deep cherry rose	8	each	10c.	90	6 00
C	**Queen Victoria.** Dark carmine	8	3 for	10c.	30	1 75
B	**Rex Rubrorum.** Brilliant scarlet; fine for bedding with La Candeur	8	each	6c.	50	3 00
B	**Rose Blanche.** Extra pure white; very fine; early	6	3 for	10c.	30	1 75
B	**Rosenkroon.** Carmine-rose; early	8	each	6c.	50	3 00
B	**Rosine.** White, tinged rose; tall; semi-double; early; fine forcer	9	each	7c.	60	4 00
B	**Rubra Maxima.** Dark scarlet; splendid flower; early forcer	6	each	7c.	60	3 50
A	**Salvator Rosa.** White, flamed deep rose; splendid for forcing; early	7	each	9c.	75	5 00
B	**Titian.** Red, yellow-bordered; fine bedder; early	7	each	7c.	60	4 00
B	**Tournesol.** Scarlet and yellow; earliest double	7	each	5c.	40	2 50
B	**Tournesol Yellow.** Orange-shaded; very early	7	each	7c.	60	4 00
B	**Voltaire.** Deep purplish red; fine large flower	10	each	8c.	70	4 50
B	**Wildfire.** Deep purplish scarlet, immense flower	7	each	8c.	75	5 00
C	**Yellow Rose.** Pure golden yellow; late-flowering; sweet-scented	8	3 for	10c.	30	1 75
	Mixed Early Double. Thorburn's Special Mixture	per 1,000, $12	3 for	10c.	30	1 50

DUC VAN THOL TULIPS

The Duc van Thols are the earliest of all the Tulips. They are of dwarf habit, and well adapted for forcing and for pot culture. They bloom outdoors before the early single Tulips.

	Height in			Doz.	100
Red. Bordered with yellow	6	each	5c.	$0 40	$2 50
Rose. Milky white, shading to beautiful rose	6	each	7c.	60	3 50
Scarlet. Dazzling reddish scarlet	7	each	5c.	40	2 50
Crimson. Bright crimson	7	each	5c.	35	2 00
Orange. Very fine	6	each	5c.	40	2 25
Vermilion. Bright vermilion	6	each	5c.	40	2 50
Gold-striped. Glossy red, striped with golden yellow	6	each	5c.	35	2 00
Violet. White-edged; very dwarf	6	each	5c.	35	2 00
Yellow. Citron-yellow	6	each	7c.	60	3 50
White. Clear satiny white	6	each	5c.	40	2 25
White Maximus. Large; very early; fine forcer	6	each	7c.	60	3 50
Double Red, Yellow-bordered	9	each	5c.	35	2 00

DARWIN TULIPS

They grow very tall, with large flowers of fine form. Being borne on very long stems, they are excellent for cutting to put in vases for house decoration. They are all single, self-colored, and of great brilliancy.

Named sorts as follows, all 8 cts. each, 70 cts. per doz., $4.50 per 100

Asa Gray. Dark carmine.
Bridesmaid. Rose; extra fine.
Donders. Dark vermilion; violet center.
Dream. Lilac. Very large flower.
Europe. Fiery salmon-scarlet.
General de Cordons. Glowing scarlet.
Giovanni. Carmine-rose.
Glow. Vermilion; blue center, white margin.
Loveliness. Satiny rose, shaded blush.
Nora Ware. Heliotrope.
Pales. Soft lilac.
Romano. Soft cherry-red.
Mixed Darwins. 5 cts. each, 45 cts. per doz., $3 per 100, $16 per 1,000.

PARROT TULIPS

For outdoor cultivation. The petals of these have feathered edges, and in addition to other colors combine shades of green—a peculiarity confined to this class. The flowers are very singular and picturesque, of large size and brilliant color, and form very effective groups for the flower border. To get the best results they must have the full effect of the sun. Very late in flowering.

If ordered by mail, add 6 cents per dozen for postage.

	Each	Doz.	100
Cafe Brown. Brown and yellow striped	$0 05	$0 30	$1 75
Constantinople. Large, blood-colored flowers, tipped with orange	05	30	1 75
Lutea major. Large, yellow flowers	05	30	1 75
Markgrave of Baden. Bright yellow flowers, striped with scarlet	05	30	1 75
Monstre Cramoisie Brilliant	05	35	2 00
Perfecta. Yellow, spotted red	05	30	1 75
Mixed. Colors	per 1,000, $9.50	3 for 10c.	30	1 25

MISCELLANEOUS AND BOTANICAL TULIPS

If ordered by mail, add 5 cents per dozen for postage

	Each	Doz.
Tulipa Billitiana. Yellow; orange-eyed	$0 06	$0 60
" **carinata.** Purple-red	06	60
" **celsiana** (**Australis**). Yellow, outside maroon	15	1 50
" **Clusiana** (The Lady Tulip). Red stripes, black center on white ground	15	1 50
Tulipa cornuta (Chinese). Scarlet and yellow	10	1 00
" **Didieri.** Light red, dark center	10	1 00
" **elegans.** Crimson-vermilion; long, pointed, reflexing petals; pale yellow center	15	1 50
" **Florentina odorata.** Yellow; violet-scented	per 100, $2.. 05	40
" **fulgens.** Crimson	10	1 00
" **Greigii.** Brilliant orange-scarlet, with black center; spotted foliage	15	1 50
" **macrospila.** Crimson	per 100, $2.. 05	40
" **Oculus Solis** (Cotton Tulip, or Sun's Eye). Vermilion, with black eye	10	1 00
" **Persica.** Yellow; sweet-scented	20	2 00
" **retroflexa.** Yellow; recurved petals	10	1 00
" **viridiflora.** Green and white	12	1 25

TULIPA GREIGII

VARIEGATED AND STRIPED-LEAVED TULIPS

	Height in.	Each	Doz.
Canary Bird. Yellow; single	8	$0 25	$2 50
Cottage Maid. Dark rose; single	7	15	1 50
Golden Prince. Single; yellow; fine for bedding	7	12	1 25
La Candeur. Double; white; very fine for bedding	7	08	75
Lac van Rhyn. Violet bordered with white	per 100, $4.. 6	06	60
Purple Crown. Single; deep purple-red; early	6	06	60
Rex Rubrorum. Double; very beautiful; color softer than the ordinary	per 100, $3.. 8	05	50
Rose Luisante. Fine rose; single	7	12	1 25
Royal Standard. Silver striped	6	06	60
Yellow Rose. Double; fine yellow; late; very sweet-scented	9	05	50
Tournesol. Double; red and yellow	8	08	75
Waterloo. Scarlet; single	7	10	1 00

MIXED TULIPS

For bedding. Planted in large masses, these make a magnificent show, and, being inexpensive, should be largely used. Our special mixtures of Early Single and Early Double Tulips are made up of the finest bulbs and the brightest colors. If planted in large beds, they will produce an exceedingly beautiful and lively effect.

If ordered by mail, add 6 cents per dozen for postage. Not less than 6 at dozen rate

	Doz.	100	1,000
Fine Mixed, EARLY SINGLE. Thorburn's Special Mixture; extra choice	$0 30	$1 50	$11 00
" " **EARLY DOUBLE.** Thorburn's Special Mixture; extra choice	30	1 50	12 00
" " **Late Single**	30	1 25	9 00
" " **Late Double**	30	1 40	10 00
" " **Bizarres**	30	1 25	9 00
" " **Bybloems**	30	1 50	11 00
" " **Rosy on White**	30	1 50	10 00
" " **Parrot**	30	1 25	9 50
" " **Breeders,** or **Mother Tulips**	35	1 50	11 00
" " **Darwin.** Single, late, self-colored; mixed	45	3 00	16 00

CHOICE COLLECTIONS OF TULIPS, OUR SELECTION

No. 1. **One** each of the following **12 varieties Named Early Single Tulips** for house culture or bedding $0 45

Artus,	**Cottage Maid,**	**Keizerkroon,**	**Pottebakker, White,**
Belle Alliance,	**Couleur Ponceau,**	**La Reine,**	**Rosa Mundi,**
Chrysolora,	**Duchesse de Parma,**	**L'Immaculee,**	**Wapen van Leiden.**

No. 2. **Two** each, same **12 varieties as in Collection No. 1** (24 named bulbs) $0 75
No. 3. **Four** each, same **12 varieties as in Collection No. 1** (48 named bulbs) 1 25
No. 4. **Eight** each, same **12 varieties as in Collection No. 1** (96 named bulbs) 2 25

TYPES OF NARCISSUS

NARCISSUS

NARCISSUS ARE READY FOR DELIVERY IN SEPTEMBER

The very beautiful species and varieties of Narcissus are among the most popular and largely grown of spring-flowering bulbs, and that deservedly, too. Their exquisite grace, beauty and charm of habit have been immortalized in the poetry of all times. No garden should be without them.

They are all of the easiest cultivation, thriving in almost any soil and situation, and they may be left alone for several years after once being planted. They do best, however, in a deep and somewhat stiff soil, and in a partially shaded position. They are well adapted for planting by the sides of streams, or lakes, or ponds, and in mixed flower or shrubbery borders. They are also suitable for naturalizing in the grass, by the side of woodland walks or in open spaces between trees and shrubs. With the exception of the Polyanthus section, they are all perfectly hardy.

Narcissus are also very suitable for growing in pots, requiring about the same treatment as hyacinths, with 3 or 4 bulbs in a 5-inch pot. Some of the varieties are grown in large numbers by florists for winter cut-flowers.

SINGLE NARCISSUS, or DAFFODILS

If ordered by mail, add 13 cents per dozen for postage.

	Each	Doz.	100
Ard Righ (Irish King). Magnificent golden yellow trumpet; very large and graceful. One of the earliest and finest for forcing	$0 10	$0 90	$6 00
Barri Conspicuus. Lovely shape; broad sulphur petals, heavily stained orange-scarlet. Very long-stemmed and graceful, fine for cutting	05	35	2 00
Bicolor Horsfieldii. "Queen of Daffodils." Rich golden yellow trumpet; pure white and well-expanded perianth; a magnificent flower; fine forcer	06	50	3 00
Bicolor Empress. One of the largest and most beautiful; white perianth and rich golden yellow trumpet; an excellent forcer	07	60	3 50
Bicolor Victoria. Yellow trumpet; creamy white perianth. Fine for pots	07	60	3 50
Biflorus. White; 2 or 3 on a stem; for planting in grass and wood walks	05	35	2 00
Bulbocodium (Hoop Petticoat). Rich golden yellow; for forcing	10	90	6 00
Bulbocodium citrinus. Citron-yellow	09	75	5 00

SINGLE NARCISSUS, continued

	Each	Doz.	100
Bulbocodium Monophyllum, or **Clusii.** Pure white, very early; fine for pots	$0 10	$0 90	$6 00
Countess of Annesley. Sulphur-yellow petals, yellow trumpet	16	1 60	10 00
Emperor. Flowers of great size and substance, primrose petals, rich lustrous yellow trumpet; strong, stately habit; splendid for cutting	07	60	3 50
Golden Spur. Distinguished by its enormous flower, wide trumpet and rich golden color; very early, and fine for forcing or outdoors	07	60	3 50
Grandee Maximus. Extra large flower, clear yellow trumpet, white perianth; dwarf	05	40	2 50
Henry Irving. Large, golden yellow; one of the best for cutting	05	40	2 50
Incomparabilis. Single; yellow; early; fine for cutting	05	30	1 25
" **Cynosure.** Bright orange cup, large white perianth; early	05	30	1 25
" **Figaro.** Cup orange, perianth yellow; very large	05	30	1 25
" **Sir Watkin** (Giant Welsh Chalice Flower). Golden crown, primrose perianth. Largest of all, often over 5 inches across	06	50	2 75
" **Stella.** White, with orange cup	05	30	1 25
Leedsii. Pure white, star-shaped sweet-scented flowers; fine for cutting	05	30	1 25
" **Duchesse de Brabant.** White perianth, lemon cup; good for forcing	05	30	1 25
" **Mrs. Langtry.** White perianth, large white cup edged golden yellow; beautiful	05	35	2 00
" **Queen of England.** Large pure white perianth, lemon cup	05	35	2 00
Obvallaris Maximus (Tenby Daffodil). Early; yellow; large; fine forcer	05	40	2 50
Poeticus (Pheasant's Eye). Pure white, with red cup; fine for cutting		2 for 5 cts.	25 1 00
" **Ornatus.** Same color as Poeticus, but the flowers are larger. It is one of the most valuable for cut-flowers, being very early and of great beauty and substance	05	30	1 25
Princeps. Sulphur-yellow perianth and deep yellow trumpet; long, handsome flower; valuable for forcing or outdoor culture. A splendid variety	05	30	1 50
Scoticus. White perianth, yellow trumpet	07	60	4 00
Single Van Sion. Yellow	05	40	2 50
Tenuior (Silver Jonquil). Handsome dwarf variety; sulphur-white	08	65	4 00
Trumpet Major. Large, early; deep golden yellow; earliest for forcing	05	40	2 25
Trumpet Maximus. Deep yellow	07	60	3 50
Mixed Early Single Sorts	05	25	1 00
Mixed Trumpet Sorts	05	35	2 00

PAPER WHITE NARCISSUS

Paper White, Large-flowering. Very early, and largely forced for cut-flowers. Beautiful clusters of large pure white flowers. 5 cts. each, 40 cts. per doz., $2.50 per 100.

Paper White, grandiflorus multiflorus. Very large and free-flowering. 6c. each, 50 cts. per doz., $3 per 100.

DOUBLE NARCISSUS, or DAFFODILS

If ordered by mail, add 12 cents per dozen for postage

Albus plenus odoratus. Double, pure white, very sweet-scented; for outdoors. 5 cts. each, 30 cts. per doz., $1.25 per 100.

Incomparabilis (Butter and Eggs). Lemon and orange; fine for forcing or outdoors. 5c. each, 30c. per doz., $1.75 per 100.

Orange Phoenix (Eggs and Bacon). Very large double white and orange flower of great beauty; one of the handsomest and splendid for pot culture. 5 cts. each, 35 cts. per doz., $2 per 100.

Sulphur Crown, or **Silver Phoenix.** Most beautiful, pure white; very double, 7 cts. each, 60c. per doz., $4 per 100.

Tazetta (Roman). Very early; double yellow; for forcing and pot culture only. 5 cts. each, 40 cts. per doz., $2.50 per 100.

Van Sion. The largest double yellow trumpet variety; extra fine for forcing, and most largely grown by florists for winter cut-flowers. Our bulbs are Dutch-grown, of the pure golden yellow variety, and the largest size. 5 cts. each, 40 cts. per doz., $2.50 per 100, $18 per 1,000.

Van Sion, Double-nosed Bulbs. 7 cts. each, 60 cts. per doz., $3.75 per 100, $25 per 1,000.

SINGLE AND DOUBLE NARCISSUS

POLYANTHUS NARCISSUS

Invaluable for forcing. All very early; flowers exceedingly fragrant; may be grown in glasses or pots. If planted in open borders, must be protected over winter by a covering of litter.

If ordered by mail, add 20 cents per dozen for postage.

Bazelman Major. Broad white perianth, deep yellow cup; largest of all. 20 cts. each, $2 per doz.

Bathurst. Yellow. 8 cts. each, 65 cts. per doz., $4 per 100.

Gloriosus. White perianth, deep orange cup; very striking. 8 cts. each, 65 cts. per doz., $4 per 100.

Grand Monarque. White, with yellow cup; very large flower; vigorous grower. 8 cts. each, 65 cts. per doz., $4 per 100.

Grand Soleil d'Or. Yellow, with orange cup; very free-blooming. 7 cts. each, 60 cts. per doz., $3.50 per 100.

Grand Primo. White, lemon cup. 7 cts. each, 60 cts. per doz., $3.50 per 100.

Jaune Supreme. Primrose, orange cup. 10 cts. each, 85 cts. per doz., $5 per 100.

Lord Canning. Yellow; extra fine; profuse bloomer. 10 cts. each, 85c. per doz., $5 per 100.

Luna. White perianth; white cup. 10 cts. each, 85 cts. per doz., $5 per 100.

Masterpiece. Yellow and orange. 10 cts. each, 85 cts. per doz., $5 per 100.

Muzart Orientalis. White, orange cup. 8 cts. each, 65 cts. per doz., $4 per 100.

Mont Cenis. Very large handsome flowers, pure white, with yellow cup. 10 cts. each, 90 cts. per doz., $6 per 100.

Newton. Pure yellow, with orange cup; extra fine. 8 cts. each, 75c. per doz., $4.50 per 100.

Queen of the Netherlands. White, yellow cup. 10 cts. each, 85 cts. per doz., $5 per 100.

Queen Victoria. White, with yellow cup; large, handsome flower. 8 cts. each, 65 cts. per doz., $4 per 100.

Staten General. White, with primrose-yellow cup; free bloomer. 7 cts. each, 60 cts. per doz., $3.50 per 100.

White Pearl. Perianth pure white, cup primrose; fine for cutting. 8 cts. each, 65 cts. per doz., $4 per 100.

Mixed Sorts. 5 cts. each, 40 cts. per doz., $2.50 per 100.

JONQUILS

A class related to the Narcissus, and suitable alike for pot culture or planting out. The culture required is the same as for Hyacinths.

If ordered by mail, add 6 cents per dozen for postage.

	Each	Doz.	100	1,000
Single Yellow Sweet-scented	2 for 5 cts.	$0 20	$0 85	$6 50
Large Single (Campernelle). Yellow	$0 05	20	1 00	7 00
Odorus rugulosus. An improved Campernelle; deep yellow, large, crinkled flowers; fragrant	05	30	1 75	
Large Double. Deep golden yellow, very double, delightfully fragrant; fine for forcing	05	40	2 00	
Silver Jonquil (*Narcissus tenuior*)	08	65	4 00	

LILIUM HARRISII

LILIES

For stateliness of habit, beauty of form and variety of coloring, the Lily is without a rival among bulbous plants. Many of the species are delightfully fragrant. Though they may nearly all be called hardy, it is well to protect them against frost in winter by a covering of ashes or litter. They are easily grown and require little care. With the exception of *L. candidum* and *L. tigrinum*, which prefer a deep, rich loam, they all do best in a light, well-drained soil. Some peat or leaf-mold may be used to advantage. *L. auratum* cannot bear manure, but thrives in ordinary light soil. They all prefer a partial shade, and the taller sorts must have protection from high winds. Many of the stronger-growing kinds are well adapted for planting among shrubs. Most of them make splendid conservatory plants. For pot culture, a compost of loam and peat in equal parts, with the addition of some sand, is recommended.

Lilium Harrisii and Lilium candidum ready in August; others not until November

LILIUM HARRISII (BERMUDA EASTER LILY)

BULBS NOW READY

The Bermuda Easter Lily is perhaps the finest and most popular of winter-blooming plants. The large, handsome, pure white, trumpet-shaped flowers are very sweet-scented and of great substance, and last a long time after cutting. Its stately and graceful habit renders it a perfect pot-plant for table or window decoration. It gets its popular name from the fact that it is so largely used for church decoration at Easter. It is easily grown and can be forced into flower in a remarkably short time. It requires rich soil but without manure. It is also well adapted to garden culture, but in this latitude the bulbs should have a good covering of ashes or litter to protect them over winter.

If ordered by mail, add from 10 to 20 cents per dozen for postage, according to size

	Each	Doz.	100
5 to 7 inches in circumference	$0 10	$1 00	$6 50
7 to 9 inches in circumference	20	2 00	12 00
9 to 11 inches in circumference	50	5 00	

LILIUM LONGIFLORUM (WHITE TRUMPET LILY)

If ordered by mail, add 3 cents each for postage

This is among the most beautiful and valuable of garden Lilies. It grows from 1 to 3 feet high and bears many trumpet-shaped, sweetly scented, waxy white flowers of great substance. A well-drained light loam enriched with leaf-mold suits it best.

	Each	Doz.	100
6 to 8 inches in circumference	$0 10	$0 85	$5 50
7 to 9 inches in circumference	15	1 25	8 00
9 to 10 inches in circumference	25	2 50	15 00
Multiflorum. 6 to 8 inches in circumference	12	1 00	6 00
7 to 9 inches in circumference	15	1 25	8 00
9 to 10 inches in circumference	25	2 50	15 00
Multiflorum giganteum. 6 to 8 inches in circumference	15	1 25	8 00
7 to 9 inches in circumference	20	2 00	12 00

TYPES OF LILIES

somest and easiest grown Lilies we have. 8 to 9 inches, 20c. each, $2 per doz.; 9 to 11 inches, 30c. each, $3 per doz.

Speciosum rubrum. White, shaded rose and spotted deep red; 2 to 4 feet high. 9 to 11 inches, 20 cts. each, $2 per doz.

Speciosum rubrum Melpomene. Very dark crimson-spotted flowers of large size and striking appearance; 2 to 4 feet high. 9 to 11 inches, 25 cts. each, $2.50 per doz.

Batemanni. Richly colored, unspotted flowers of bright apricot tint; a most beautiful variety; 3 to 4 feet high. 25 cts. each, $2.50 per doz.

Krameri. White, slightly tinged with red; sweet-scented. 20 cts. each, $2 per doz.

Leichtlinii. Orange-red, with crimson spots; 2 to 3 feet high. 25 cts. each, $2.50 per doz.

VARIOUS LILIES

Postage on these sorts 2 to 10 cts. each, according to size

Atrosanguineum (*Fulgens*). Dark crimson, black spots. 20 cts. each, $2 per doz.

Atrosanguineum maculatum. Orange-red. 20 cts. each, $2 per doz.

Bloomerianum. Orange, spotted dark maroon, with a crimson circle around each spot. 45 cts. each, $4.50 per doz.

Bolanderi. Bell-shaped, deep crimson flowers, dotted with purple. Grows 1 to 3 feet high. Rare. 70c. each, $7 per doz.

Brownii. Most beautiful flowers of immense size, inside creamy white, outside shaded chocolate-purple; a splendid pot-plant; 2½ to 3½ feet high. 55 cts. each, $5.50 per doz.

BEAUTIFUL JAPAN LILIES

These do not generally arrive until November and December. We import our supply direct from Japan every year. Every garden should have some of these most beautiful and easily grown Lilies.

Postage on these varieties from 2 to 10 cents each, according to size

Auratum (Gold-banded Lily). The grandest of all hardy Lilies; flowers white, spotted with maroon, having a bright yellow band through the center of each petal. The plant grows from 3 to 6 feet high.

	Each	Doz.	100
8 to 9 in. cir...	$0 12	$1 25	$8 00
9 to 11 in. cir...	20	2 00	12 00
11 to 13 in. cir...	35	3 50	20 00

Auratum macranthum, or **platyphyllum.** A spendid variety of the above, with much larger flowers; of perfect form and great substance; 5 to 8 feet. 40 cts. each, $4 per doz.

Auratum rubro-vittatum. Enormous flowers, sometimes measuring 10 inches across; pure white, beautifully spotted, and with a deep crimson stripe through center of each petal; very fragrant. 65 cts. each, $7 per doz.

Auratum pictum. Flowers like those of the common Auratum, with yellow band through each petal. It is beautifully spotted with rich crimson. 40 cts. each, $4 per doz.

Auratum Wittei. Very large, pure white flowers, with raised spots of satiny white; a grand Lily; 4 to 6 feet. 75 cts. each., $8 per doz.

Auratum Virginale. Very large, pure white flowers, with yellow band through center of each petal; a magnificent variety, growing from 4 to 6 feet high. 50c. each, $5 per doz.

Speciosum album Kraetzeri. Beautiful pure white flowers of large size; 2 to 4 feet high; one of the hand-

LILIUM AURATUM

VARIOUS LILIES, continued

	Each	Doz.
Canadense. Native "Meadow Lily." Graceful, drooping, bright yellow flowers, spotted red; 1½ to 3 ft.	$0 10	$1 00
Canadense rubrum. Red flowers	15	1 50
Candidum (Madonna Lily; St. Joseph's Lily). The common garden Lily. Large, pure white, very sweet-scented flowers; valuable for forcing; 2 to 3 feet. $9 per 100.	15	1 50
Candidum flore pleno. Double white	50	5 00
Chalcedonicum (The true Scarlet Turk's Cap Lily). Brilliant scarlet, recurved flowers; 3 feet	60	6 00
Colchicum (*Monadelphum*). Citron, black spots; a splendid Lily; 2 feet	70	
Columbianum (Oregon Lily). Orange flowers, dotted maroon; fragrant	40	4 00
Excelsum (*Testaceum*). Lovely cream-colored flowers, tinged with apricot; very fragrant; 5 feet	70	7 00
Giganteum. A magnificent species, growing 6 to 10 feet high, and bearing many large funnel-shaped flowers 5 to 6 inches long; color white, with purple throat; extra large	4 00	
Henryi (Orange-yellow Speciosum). Very tall-growing variety; deep orange-yellow flowers growing in great profusion when the plants are well established	1 00	
Humboldtii. A beautiful Lily with orange-red flowers, spotted claret	40	4 00
Maritimum. A rare and beautiful Lily. Narrow, funnel-formed flowers; blood-red to orange-red, spotted with purple inside; 2 to 3 feet	40	4 00
Martagon. Purple; 2 to 3 feet	25	2 50
Pardalinum (Leopard-spotted Lily). Orange-red, yellow center, large purple spots	15	1 25
Parryi. Large, pale yellow flowers; very rare	75	7 50
Philadelphicum. Bright orange-red, with black spots; 2 feet high	12	1 25
Philippinensis. Snowy white, delicately fragrant; a rare and beautiful Lily from the Philippines. Perfectly hardy. A splendid garden bulb	25	2 50
Pomponium. Bright red; very handsome; 1½ to 3 feet	35	3 50
Roezlii. Brilliant orange-red flowers, spotted dark purple, and with the petals reflexed to the base	45	4 50
Superbum (Turk's Cap Lily). Deep orange-red, thickly spotted; 4 feet	10	1 00
Tenuifolium (Siberian Coral Lily). Nodding, rich scarlet flowers; 1½ feet	15	1 50
Thompsonianum. Rose	20	2 00
Thunbergianum biligulatum	15	1 50
" **marmoratum aureum**	30	3 00
" **Kikak.** Apricot-yellow, spotted black; 3 feet	15	1 50
" **Prince of Orange.** Orange-yellow; 1 foot	25	2 50
" **Van Houttei**	18	1 75
Tigrinum (Tiger Lily). Orange-salmon, spotted black. per 100, $3.50	08	75
" **splendens.** Rich scarlet, with black spots; large roots. per 100, $9	15	1 50
" **flore pleno** (Double Tiger Lily). Bright orange-red, black spots. per 100, $9	15	1 50
Umbellatum erectum. Dark red and orange	12	1 25
" **grandiflorum.** Orange-red	15	1 50
" **Mixed**	12	1 25
Wallacei. Orange-red, with maroon spots; late-flowering	12	1 25
Washingtonianum. A lovely native variety of very stately habit; large, trumpet-shaped flowers pure white, tinged purple or lilac; very fragrant; 4 to 7 feet high	30	3 00

LILY-OF-THE-VALLEY (*Convallaria majalis*)

READY IN NOVEMBER

One of the most beautiful and admired spring-flowering plants, and universally sought for its neat and chaste outline and delicate odor. The growth is close, dwarf and compact, and the plant is hardy and permanent. It is now a most popular plant for forcing, which is easily done by planting the pips in pots, from 6 to 12 in each, watering freely, keeping in a cold cellar, and starting from week to week, to keep up a succession. They generally flower in three or four weeks after planting. They require a considerable amount of heat to start them. They may also be planted in moss fiber in vases.

Clumps. Fine large clumps, with many flowering pips on each. Fine for planting outside in shaded positions, and for naturalizing by the side of streams or wood walks. 30 cts. each, $3 per dozen.

Pips for forcing. 50 cts. per bundle of 25, $1.75 per 100, $14 per 1,000.

LILY-OF-THE-VALLEY

CHINESE SACRED LILY

(THE WATER FAIRY FLOWER)

READY IN SEPTEMBER

If ordered by mail, add 5 cts. each or 25 cts. per dozen for postage.

A variety of the Polyanthus Narcissus, imported from China. The bulbs should be placed from three to six in a bowl or glass dish of water which has been partly filled with pebbles, some of which place over the bulbs so as to prevent them from floating. The water should be tepid and changed every two days. Submerge the bulbs entirely, and place in a sunny window in a cool room.

Price, 10 cts. each, $1 per doz.

ANEMONE, or WINDFLOWER

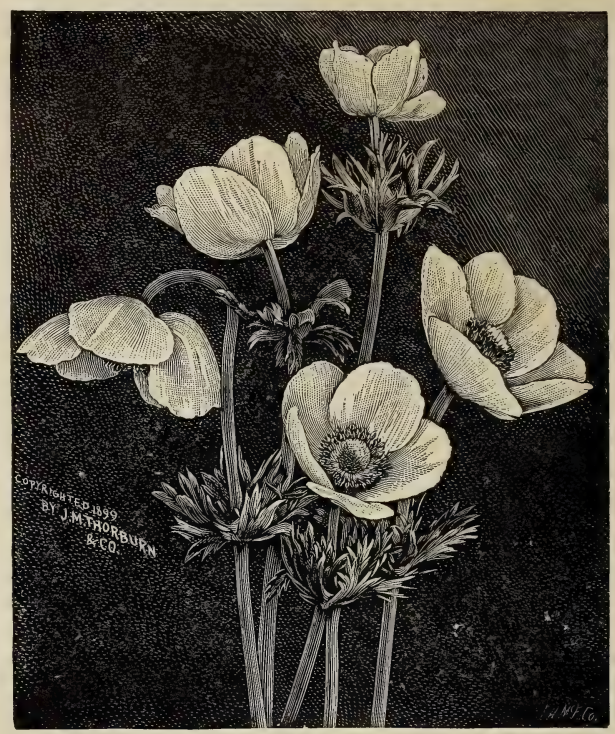
Very ornamental hardy perennials, producing beautifully colored flowers in spring and summer. They do best in rich soil and in a sheltered and well-drained position. Plant in autumn. May also be grown in pots or forced in frames for early flowers.

If ordered by mail, add 15 cents per 100 for postage

CORONARIA OR POPPY-FLOWERED

READY IN SEPTEMBER

	Each	Doz.	100
Caen Mixed (The Giant French or Poppy-flowered Anemone). Great variety of finest colors	$0 05	$0 30	$1 50
Blue, Prince Albert. Double	05	40	2 50
" **Incomparable.** Double	06	50	3 00
" **Double Mixed**	05	40	2 50
" **Single.** Light colors	05	30	1 75
Scarlet, Feu Superbe. Bright; double	10	75	5 00
" **King of Scarlets.** Double	10	75	5 00
" **L'Eclair.** Double	07	60	3 50
" **Scarlet Star.** Single	06	50	3 00
" **Double Mixed**	05	40	2 50
" **Single Mixed**	05	30	1 50
White Ceres. Double; tinted rose	06	50	3 00
" **The Bride.** Single; pure white	05	30	1 50
Rose, Rosette. Double rose; extra large	05	40	2 50
" **Surpassante.** Double	06	50	3 00
" **Leverrier.** Double	06	50	3 00
" **Mignonne.** Double	06	50	3 00
Striped, Thalia. Double	06	50	3 00
" **Ivanhoe.** Double	06	50	3 00
" **Charmante.** Double	06	50	3 00
Double. Mixed colors	05	30	1 50
Single. Mixed colors, 2 for 5 cts.		20	1 00



ANEMONE CORONARIA

ANEMONE JAPONICA

ANEMONE SPECIES

READY IN NOVEMBER

	Each	Doz.	100
Apennina, Blue Star. Very charming clear blue, star-shaped flowers; excellent for naturalizing; early flowering	$0 05	$0 30	$1 50
" **White.** A variety of the above	05	30	1 50
Fulgens. Dazzling vermilion or scarlet; flowers very early in the spring. It does best in good loam and in a moist situation. A fine pot-plant for house decoration	06	50	3 00
Japonica alba. Large, pure white flowers; invaluable for cutting	06	50	3 00
" **rosea.** Large, rosy carmine flowers, 2 to 2½ inches	06	50	3 00
" **Queen Charlotte.** Light pink; semi-double	12	1 00	6 00
" **Lady Ardilaun.** A greatly improved Alba, with larger flowers of greater substance	12	1 00	6 00
" **Whirlwind.** It bears in profusion large, semi-double, pure white flowers of great substance; splendid for cutting	05	40	2 50
Sylvestris (Snowdrop Windflower). Very beautiful pure white	08	70	4 50

AMARYLLIS READY IN OCTOBER

Extremely ornamental greenhouse plants, with large, fragrant, beautifully colored flowers. The most suitable soil is good loam, with one-fourth part of leaf-mold or pulverized manure, and some sand. Good drainage is very important. The growing season is from early spring until about September, when the plants should be kept cool and allowed to rest until February. They require plenty of sunshine, but in the flowering season a light shading tends to preserve the blossoms longer. Frequent disturbance of the roots is to be avoided. Established bulbs in large pots should have a top-dressing each year when starting, and manure-water during the growing season.

AMARYLLIS

	Each	Doz.
Belladonna major. Violet and white: flowers in large umbels; fragrant	$0 30	$3 00
Formosissima (Jacobæan Lily)	15	1 50
Josephine (Gigantea). Very fine scarlet; flowering in immense umbels; these are extra-sized bulbs	6 00	
Longifolia rosea. Rose; hardy	25	2 50
" **alba.** White; hardy	25	2 50
Lutea (Sternbergia). Hardy autumn-flowering variety, with bright yellow, crocus-like flowers	per 100, $7.. 12	1 25
Orientalis. Fine; rare variety	4 50	
Ornatum. White, finely striped rose	3 50	
Hippeastrum Aulica (Lily-of-the-Palace). Very large, handsome flowers; crimson, shaded with green	1 00	
" **Cleopatra.** Red, with white margin	4 00	
" **Crocea.** Scarlet, with white	2 00	
" **Graveana.** Dark orange	1 75	
" **Johnsonii** (Spice Lily). Very large, exceedingly beautiful flowers; crimson, striped white.	60	6 00
" **Prince of Orange.** Bright orange; beautiful	2 00	
" **Reticulata striatifolia.** Violet, striped white	3 00	
" **Mixed Hybrids.** Beautifully colored hybrids; large bulbs	60	6 00
Vittata Mixed Hybrids	60	6 00

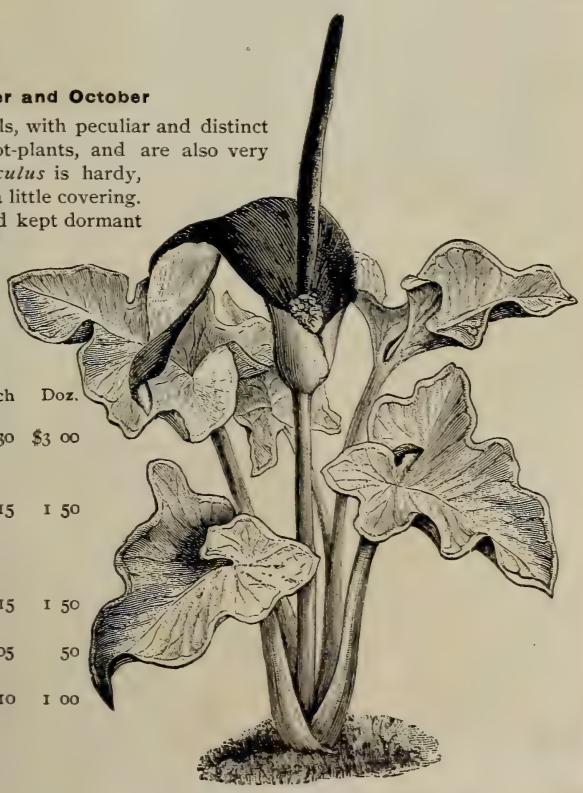
ARUMS

Ready for shipment in September and October

A genus of curious and ornamental perennials, with peculiar and distinct foliage and flowers. They make handsome pot-plants, and are also very effective in subtropical gardening. *A. Dracunculus* is hardy, and may be left in the ground over winter, with a little covering. The others should be potted in the autumn and kept dormant till spring. They are all of easy cultivation, requiring rich soil and plenty of water during the growing season. A compost of rich loam, with a third of well-rotted manure and some sand, is very suitable.

If ordered by mail, add 3 cents each for postage

	Each	Doz.
Crinitum. Marble stems; broad, flesh-colored, spotted flowers, covered with hairs	$0 30	$3 00
Cornutum (Red Calla). Flowers red, spotted black, stems mottled; handsome pot-plant; flowers without water or soil	15	1 50
Dracunculus (Dragon-flower). A striking and very ornamental plant for pots or garden. It grows to a height of 3 feet, with mottled stem and handsome foliage	15	1 50
Italicum. A hardy species from the Channel Islands, with creamy white flowers	05	50
Maculatum. A fine decorative plant; flowers white; green foliage, spotted black	10	1 00
Palaestinum sanctum (Black Calla). From the Lebanon mountains. A splendid pot- and chamber-plant, with fine dark green foliage, large black spathe and black spadix	per 100, $12.. 20	2 00



ARUM PALÆSTINUM SANCTUM

BEGONIA GRANDIFLORA, TUBEROUS-ROOTED

READY IN NOVEMBER AND DECEMBER

Splendid pot-plants for the house or greenhouse, and especially valuable for bedding, flowering in the greatest profusion throughout the summer. For bedding they should be started in hotbed in March and April. The hollow end of the bulb should be up and but slightly covered. They should get very little water until the plants are growing.

TUBEROUS-ROOTED BEGONIAS

	Each	Doz.	100
Single Crimson	$0 10	$0 75	$4 00
" **Scarlet**	10	75	4 00
" **Rose**	10	75	4 00
" **White**	10	75	4 00
" **Yellow**	10	75	4 00
" **Pink**	10	75	4 00
" **Mixed**	10	75	4 00
Double White	15	1 25	7 00
" **Yellow**	15	1 25	7 00
" **Scarlet**	15	1 25	7 00
" **Rose**	15	1 25	7 00
" **Mixed**	15	1 25	7 00

BEGONIA CRISPA (Single-fringed Begonias)

These new Begonias have beautifully shaped, gracefully frilled and crested flowers borne above the foliage on long and erect stems. A fine strain with a great future. **Red, Rose, White, Yellow** and **Salmon.** Each, 35 cts.

BRODIAEAS

READY IN SEPTEMBER

Pretty, hardy, bulbous plants from the Pacific coast. They have narrow, grassy leaves, slender stems, and umbels of lily-like flowers. For forcing or outdoor culture. Do best in rich, sandy loam. If grown in pots, a compost of loam, leaf-mold and sand is best.

	Each	Doz.	100
Bridgesii. Rich reddish purple flowers	$0 08	$0 65	$4 00
Californica. Often 2 feet high, with large pinkish purple flowers. Fine	08	65	4 00
Candida. Pale blue flowers in spreading umbels, exceedingly beautiful	12	1 00	6 00
Coccinea (Floral Fire Cracker). Rich blood-crimson, tipped white	06	50	3 50
Congesta. Tall-growing; purple flowers	05	30	1 75
Grandiflora. Deep purple flowers; large and showy	05	40	2 50
Ixioides splendens. Large, light yellow flowers	05	45	3 00
Lactea. White, with green stripes	05	40	2 50
Laxa. Tall, with large blue flowers	05	40	2 50
Peduncularis. Porcelain-white flowers in immense umbels	08	65	4 00
Stellaris. Intense purple flowers, with white center, borne on short stems and forming a starry clump	08	65	4 00
Mixed Sorts	05	30	1 50

CROWN IMPERIALS

(*Fritillaria imperialis*)

A stately-growing plant, with dark green foliage, and flowers of all intermediate shades between yellow and crimson; effective for centers of beds; hardy and permanent, and not so generally planted as they should be. Their flowers are produced quite early in spring, and are very ornamental and decorative in the center of a bed of other bulbous plants. The old, dull red variety, while handsome, does not give anything like the effect that the newer sorts do. The double varieties are especially conspicuous and desirable in every respect. They are all the better for being planted in good, rich, well-drained soil; the flowers will be larger and of finer coloring, as well as more enduring.

READY IN SEPTEMBER

If ordered by mail, add 3 cents each for postage

	Each	Doz.
Aurora. Red	$0 25	$2 50
Crown on Crown. Red	25	2 50
Single Red	25	2 50
Single Yellow	30	3 00
Gold-Striped leaved. Crimson flowers; variegated foliage	40	4 00
Silver-Striped leaved	60	
Large Double Red	65	
Large Double Yellow	65	
Maximus, Bright Yellow	60	6 00
" **Red**	45	4 50
Orange Brilliant	45	4 50
Fine Mixed Varieties per 100, $7.50	15	1 25

CROWN IMPERIAL

CROCUS

For pots and borders. A universal favorite, being one of the earliest flowers seen in the spring. They are neat, dwarf and compact in growth, and the blooms are of bright colors. If planted close,—say 2 inches apart,—and 3 inches deep, they make a very pretty display immediately after the snow goes off in the spring. Do not disturb for several years. Should be largely planted in the grass on lawns. They will flower very early in spring before mowing. The effect is beautiful.

For flowering in pots, baskets, etc., they should be plunged in the open ground for three weeks after planting, precisely in the same manner as directed for hyacinths.

If ordered by mail, add 15 cts. per 100 for postage.

	Per doz.	100	1,000
Large White	$0 10	$0 50	$4 00
Large Yellow	15	65	5 00
Giant Yellow	25	1 25	9 00
Large Blue	10	50	4 00
Large Purple	10	50	4 00
Striped and Variegated	10	50	4 00
Large Scotch. White, with purple stripes	$0 30	$1 40	$10 00
Cloth of Gold. Golden yellow, striped brown	15	65	5 00
Cloth of Silver. Light blue, striped	20	85	7 00
Mixed Colors	10	45	3 50

HYBRID NAMED CROCUS

Composed of the most beautiful varieties; remarkable for richness of color and immense size. These varieties are best for forming letters or designs on the lawn, for which purpose they may be planted without disturbing the grass, by the use of a dibble or a narrow trowel. The flowers are produced very early, and the mowing later on will not seriously injure the Crocus bulbs.

If ordered by mail, add 25 cents per 100 for postage

	Per doz.	100	1,000
Albion. Fine striped	$0 12	$0 75	$6 00
Albion. Purple	12	75	6 00
Alfred Tennyson. Striped	12	75	6 00
Baron von Brunow. Dark purple	12	75	6 00
Caroline. Pure white	12	75	6 00
David Rizzio. Purple	12	75	6 00
King of the Blues. Very large	12	75	6 00
La Majesteuse. Violet-striped	12	75	6 00
Lord Palmerston. Blue	12	75	6 00
Mad. Mina. Violet and white	12	75	6 00
Mammoth. White	$0 12	$0 75	$6 00
Marquis of Lorne. Fine, deep purple	12	75	6 00
Mont Blanc. Finest of all whites	12	75	6 00
Non Plus Ultra. Blue, white-bordered	12	75	6 00
President Lincoln. Deepest purple	12	75	6 00
Purpurea grandiflora. Purple	12	75	6 00
Queen of the Netherlands. Pure white.	12	75	6 00
Queen Victoria. Fine white	12	75	6 00
Reine Blanche. Pure white; very early.	12	75	6 00
Sir Walter Scott. Variegated	12	75	6 00

CALOCHORTUS

(Mariposa Lily, or Butterfly Tulip)

READY IN SEPTEMBER

Very handsome bulbous plants from California. They are remarkable for the brilliancy and variety of their coloring, and their gracefulness of habit. They grow freely in light, sandy loam; though hardy, they should be protected during winter with litter. They may also be successfully grown in frames and in pots.

If ordered by mail, add 5 cents per dozen for postage

	Each	Doz.	100
Albus. Pearly white, rich blotch	$0 05	$0 45	$2 50
Amabilis. Very pretty golden yellow	05	45	2 50
Benthami. Rich yellow, with black spots	05	45	2 50
Howellii. White-flowered species, with delicate green hair-lines passing to white at outer edges of petals; very fine	25	2 25	14 00
Leichtlinii. Creamy white; very fine	08	75	5 00
Lilacinus. Large, finely formed lilac flowers.	05	45	2 50
Maweanus major. White ground, open cup filled with fine blue hairs	05	45	2 50
Nitidus. Handsome lilac flowers, with large indigo blotch in middle of petal	08	60	4 00
Splendens ruber. Fine dark red	10	1 00	6 50
" **atroviolaceus.** Flowers purplish lilac; stems tall and floriferous	08	75	4 50
Venustus purpurascens. Flowers 3 inches across; purplish lilac outside, creamy white and purple inside	08	75	4 50
" **oculatus.** Creamy white flowers, varying to sulphur and purplish tints	05	45	2 50
" var. **Citrinus.** Deep rich lemon, with vivid dark maroon eyes	05	45	2 50
" **roseus.** White inside, carmine outside	08	75	4 50
Vesta. Immense flowers, 3 to 5 inches across; white, suffused with lilac to rose-purple. Hardy.	08	75	4 50
Mixed mariposa Tulips	05	35	2 00
" **Star Tulips**	05	35	2 00
" **Globe Tulips**	05	35	2 00
" **Eldorado Tulips**	05	35	2 00

CYCLAMEN

MOST OF THEM READY IN NOVEMBER

When well grown, it is difficult to find a more useful plant than this for greenhouse, room and window decorations. The various species produce flowers varying from deep red to pure white, and of much elegance of form in flower and plant. The soil best suited to them is a fresh turfy loam with a fourth to a fifth of well-rotted horse manure to which add some clean sand if the soil is heavy. Plant so as to leave the top of the bulb just below the surface. We offer seed of our superb strain of *C. giganteum* at the end of this Catalogue.

	Each	Doz.
Coum. Crimson, round-leaved	$0 15	$1 50
Europaeum roseum. Very showy, rosy red. Hardy	15	1 50
Giganteum Rose	20	2 00
" **Dark Crimson**	20	2 00
" **White "Mont Blanc"**	20	2 00
" **Mixed**	20	1 75
Hederaefolium album. Autumn-flowering	35	3 50
" **rubrum.** Autumn-flowering	20	2 00
Neapolitanum. The Ivy-leaved Cyclamen. Hardy	15	1 50
Repandum. Rosy red, with purple eye	15	1 50

CYCLAMEN GIGANTEUM

FRITILLARIAS

READY IN SEPTEMBER

Graceful, hardy, spring-flowering, bulbous plants, thriving in good, rich, well-drained soil. They are effective in mixed flower borders, and they also make excellent pot-plants.

	Each	Doz.	100
Biflora. Strong plants, with large, dark brown, nearly black flowers	$0 12	$1 00	$7 00
Coccinea. Narrow, tubular flowers of a deep, glowing red color	10	90	6 00
Lanceolata. Tall flowers, with large, greenish bells, mottled with yellow and purple	12	1 00	7 00
Liliacea. Flowers white; easily grown	12	1 00	7 00
Persica. Purplish brown, handsome	30	2 75	17 00
Pluriflora. Large, strong-growing plant, with beautiful reddish purple flowers, blooming very early	12	1 00	7 00
Pudica. Clear yellow flowers on short stems	12	1 00	7 00
Recurva. The finest of all the Fritillarias. The flowers are between tubular and bell-shaped, and of a brilliant orange-scarlet color	08	65	4 50
Meleagris (Guinea-fowl Flower). Mixed colors	05	35	2 00

Fritillaria imperialis. See Crown Imperials, on page 20.

FRITILLARIA RECURVA

FREESIA REFRACTA ALBA

FREESIA

The justly popular Freesias are greatly prized for the delightful fragrance of their delicately colored flowers, which, when cut, will remain in good condition for a long time in water. They are easily grown or forced in a light, sandy soil, in a frame or greenhouse, and are excellent for window culture in winter. For the information of all not acquainted with these bulbs, we may say that they are quite small, and produce large blooms in comparison to their size.

Freesia refracta alba. Pure white and sweet scented; very largely forced. The flowers are 2 inches long, and about the same in width, shaped like miniature gladioli, and in clusters of 6 to 10, on depressed horizontal scapes. The body of the flower is pure white, with lower segments spotted lemon-yellow. Their fragrance is remarkable and very lasting.

	Doz	100	1,000
Monster Size Bulbs	$0 35	$2 00	$14 00
First Size Bulbs	25	1 25	9 00
Second Size Bulbs	20	85	6 00

Freesia alba major, "Purity." Magnificent glistening pure white flowers of large size, borne on strong, lengthy stems, each truss bearing 8 to 10 buds, 5 to 6 of which are frequently open at the same time. Of recent introduction 60 4 00

Freesia Leichtlinii. Creamy white, shaded to yellow, with orange blotch, distinct in color 45 2 75

DENVER, COLO.

J. M. THORBURN & Co., New York City.

Gentlemen:—The lilies received safely, many thanks. These and the bulbs sent some little time ago have given me great satisfaction.

Yours truly,

HENRY HOUSELEY.

IXIAS

CRINUMS

Splendid large-flowering bulbs, closely allied to the Amaryllis. The most suitable soil is a compost of turfy loam, cow manure and some sand. They should be grown in large pots or in tubs, about three-fourths of the bulb being out of the soil. In late fall they should be removed to a cool-house and allowed to rest till new leaves begin to appear in February. The bulbs should receive a top-dressing each year when starting, and manure water during the growing season. They may be placed outside when warm weather begins, and will flower all through the summer, making splendid lawn or veranda plants.

	Each
Giganteum, Giant White. Immense bulbs; large white flowers; bloom all summer; very fragrant. They should be watered plentifully while growing	$2 00
Amabile, Giant Pink. Extra large, bright pink, with white stripe; splendid flower; enormous bulb. This and the Giant White are unsurpassed for growing in tubs, blooming profusely outside all summer	2 00
Kirki. Large umbels of beautiful pure white flowers, with purple stripe in center of each petal	65
Powelli. It produces long stems bearing at the top five to eight large, dark rose, bell-shaped flowers 3 to 4 inches long	40
" **album.** Pure white	70
" **intermedium.** Light rose	3 00

IXIAS

Ready in October

The Named Hybrid Ixias are so beautiful and rich in tints that no lover of flowers should be without them. They are equally adapted for pots or the open ground, exceedingly free-flowering, and invaluable for cutting. If planted out, they require rather more covering during winter than hyacinths. In pots their culture is the same as that usually recommended for other bulbs. By reason of their curious forms and strange coloring, the Ixias attract much attention.

	Each	Doz.	100
Azurea. Blue, with purple center; very beautiful	$0 05	$0 35	$2 00
Barbara. Creamy white, black center	05	35	2 00
Bucephalus major. Rich crimson; very fine	05	35	2 00
Crateroides. Bright crimson	06	50	3 00
Excelsior. Reddish bronze	05	35	2 00
Emperor of China. Golden yellow, purple eye	05	35	2 00
Favorite. Sulphur-yellow	05	35	2 00
Galathea. White, with blue eye	06	50	3 00
Lady of the Lake. Magenta, dark eye	06	50	3 00
Lady Slade. Light rose	08	75	4 50
Viridiflora. Green, black center	06	50	3 00
White Swan. White, with blush-violet eye	05	35	2 00
William the Conqueror. Large; white, with purple eye	05	40	2 25
Wonder (Rosea plena). Rose	05	40	2 25
In Splendid Mixture	per 1,000, $4.50; 2 for 5 cts.	20	70

ERYTHRONIUMS

(DOG'S-TOOTH VIOLETS) **Ready in September**

Very ornamental, hardy, bulbous plants, of neat and dwarf habit. They succeed in almost any light soil, but prefer a mixture of loam and peat. They should be planted in groups, and do well in sheltered positions on rockeries, or in mixed flower or shrubbery borders.

	Each	Doz.	100
Californicum. Cream-yellow, with maroon band at base; leaves very richly mottled. The finest of all	$0 07	$0 60	$3 50
Californicum, White Beauty. Flowers more nearly white than Californicum; leaves richly mottled	08	65	4 00
Giganteum (Giant Dog's-tooth Violet). Very large, straw-colored flowers, with orange center, borne on long, slender stems; the foliage is richly mottled in dark brown and its elegant habit makes a very attractive pot-plant for window decoration	08	75	4 50
Citrinum. Leaves mottled; flowers yellow	08	65	4 00
Grandiflorum. Leaves unmottled; flowers bright yellow, with recurved petals	08	65	4 00

ERYTHRONIUM

	Each	Doz.	100
Hartwegii. Fine new variety; light yellow flowers like those of *E. giganteum*, but each borne on a separate stalk	$0 07	$0 60	$3 50
Hendersonii. Flowers pink, with very dark purple center; leaves beautifully mottled in dark brown; petals strongly recurved; rare	08	65	4 50
Mixed	05	40	2 50
Dens-canis (Dog's-tooth Violet). Mixed colors; very pretty; leaves blotched in brown and white.	05	30	1 50

GLADIOLUS

Ready In November

The following varieties are the sorts generally to be had at this season of the year, and they are usually planted in pots in autumn, and require to be kept in a warm room or greenhouse, except Byzantinus, which is hardy, and may be planted out; it is best, however, to give it slight protection. Some varieties are successfully forced.

The French Hybrids, for spring planting, will be in by November. These form a family of bulbs of rare beauty. Every year is now adding varieties of most exquisite tint and shade; and, from the time of year during which these bloom, and the long continuance of their flowers in perfection, they become one of the greatest ornaments of the garden at a season when flowers of vivid tints are scarce. They are valuable for bedding.

Named varieties will be found in our General Catalogue, published January 1.

If ordered by mail add 3 cts. per doz. for postage

	Each	Doz.	100
AUTUMN GIANT. Bright scarlet to deep crimson flowers, with large deep yellow throat. Grows 3 to 4 feet high, with spikes of bloom sometimes 2 feet long. If planted in the open ground in spring, it blooms in Sept. and Oct., when other Gladioli are gone	$0 30	$3 00	$18 00
Byzantinus. Delicate purple; hardy	05	35	2 00
Cardinalis, Blushing Bride. Beautiful ivory-white, with crimson flakes	08	60	3 50
" **Pink Perfection**	08	60	3 50
" **Rosea Maculata.** Pale red, marked white	10	90	6 00
" **Rosy Gem.** Rose-pink	08	60	3 50
" **Salmon Queen**	10	90	6 00
" **Sapho.** Large white, shaded pale lilac, with faint creamy blotches, edged velvet	08	60	3 50
Colvillei. Purple striped	05	30	1 50
" **albus, "The Bride."** White, for forcing	05	30	1 50
" **rosea.** Pink (true)	05	35	2 00
Floribundus. White, feathered rose and violet	08	75	4 50
Ne Plus Ultra. Crimson and white blotch	10	90	6 00
PRIMULINUS. (New.) Very rare species from Victoria Falls, South Africa; grows 3 to 4 feet tall and is very vigorous. The flowers are of good size and are a clear primrose-yellow. Blooms late in July. Genuine stock; *most valuable*	80		
PRIMULINUS HYBRIDS. (New.) Hybrids of the above, with many related species and choice garden varieties. Extremely vigorous and healthy grower, blooming in July and August. Grows 3 to 5 feet high, with long spikes of richly colored blooms, varying in color from clear yellow to crimson, the latter with large soft orange or golden throats. *Exceedingly desirable.*	40	4 00	
Queen Victoria. Salmon-scarlet, feathered pure white	12	1 25	8 00
Ramosus. In mixture	08	60	3 50
Nanus. In mixture	05	30	1 50
Mixed Lemoines	05	40	2 50
Mixed French Hybrids	05	40	2 50

GRAPE HYACINTHS

GLOXINIAS

Ready In November

Gloxinias are among the most beautiful of greenhouse plants, being remarkable for the intensity and variety of their colorings, and the exqisite manner in which they are often blotched, mottled, penciled and blended. The plants are extremely floriferous, and, by making successive pottings, they may be had in bloom the greater part of the year. They thrive best in a soil composed of leaf-mold and peat in equal parts, with a little sand added. When growing, plenty of water should be supplied, but it should always be tepid. The bulbs we offer are large-sized, and of erect-flowering strain.

	Each	Doz.	100
Crassifolia erecta, Red	$0 12	$1 25	$7 00
" " **White**	12	1 25	7 00
" " **Blue**	12	1 25	7 00
" " **Spotted**	12	1 25	7 00
" " **Mixed**	10	1 00	6 00

GRAPE, FEATHERED, ETC. HYACINTHS

Very pretty hardy bulbous plants, well adapted for mixed borders and for naturalizing in sunny spots among short grass. They succeed in almost any soil and situation, and require little care. Also suitable for growing in pots in the house, five or six bulbs in a pot.

	Each	Doz.	100
Muscari, Botryoides. White Grape Hyacinth	$0 05	$0 30	$1 50
" " Purple Grape Hyacinth....2 for 5 cts.		20	1 00
" " Large Pearl Hyacinth	20	2 00	
" **commutatum.** Dark blue	05	40	2 25
" **comosum.** Blue Tasseled Hyacinth	06	50	3 00
" **moschatum major.** Large Nutmeg Hyacinth	35	3 50	
" " **minor.** Small Nutmeg Hyacinth	35	3 50	
" **plumosum.** Large Feathered Hyacinth	05	40	2 25
" **monstrosum.** Purple Feathered Hyacinth	05	40	2 25
" **racemosum.** Blue Starch Hyacinth	06	50	3 00
Hyacinthus candicans. A snow-white, summer-flowering giant Hyacinth	05	45	3 00

IRIS (FLEUR-DE-LIS)

Ready In October and November

Iris, the Greek name for the rainbow, was applied to this flower in allusion to the manner in which many beautiful colors are blended together. Irises are of easy culture. They do best in a light, rich, sandy soil, and in a sunny situation. Good drainage is important. The varieties of *Iris Kæmpferi*, from Japan, are remarkable for the beauty of their colors and their stateliness of habit. Some of these send up 10 or 12 flower-spikes 3 feet high, each bearing 2 to 4 enormous blossoms, measuring 8 to 10 inches across. These require a liberal supply of water when growing. With the exception of Morea pavonia and Tuberosa, all varieties are hardy.

SUPERB COLLECTION OF LARGE-FLOWERED JAPAN IRISES

(Iris Kaempferi)

We are importing from Japan a large supply of the following eighteen of the best of these magnificent Irises, which excel in size, perfection of form and richness of color, any ever shown. They come in large clumps.

30 cts. each, $3 per doz., $20 per 100

Gekka-no-nami (Waves on Moonlight). Dense pure white, yellow blotches.
Shishi-odori (Dancing Lion). Purple and white.
Kumoma-no-sora (Sky Amidst the Cloud). White, sky-blue and yellow.
Kumo-no-obi (Band of Cloud). Dark purple, yellow blotches.
Ho-o-jo (Ho-o-castle). Ruby-crimson, primrose blotches.
Manadzuru (Crane). White, yellow blotches.
Hana-no-nishiki (Floral Embroidery). Brilliant claret-red, penciled white, orange blotches.
Yomo-no-umi (Boundless Sea). Lavender-blue, yellow blotches.
Kuma-funjin (Excited Bear). Purple, overlaid with navy-blue, orange blotches.
Taiheiraku (Peace). Purple, yellow blotches, tipped blue.
Yezo-nishiki (Yezo-Embroidery). Deep rich crimson, mottled and blotched white.
Yedo-jiman. Royal blue.
Shirataki (White Waterfall). Great fine white petals, primrose blotches.
Kagaribi. Brilliant ruby, yellow blotches.
Shimoyo-no-tuski (Frost Moonlight). Gray-lavender, yellow blotches.
Tora-odori (Dancing Tiger). Gray, overlaid with lavender-blue, yellow blotches.
Tsuru-no-kegoromo (Crane's Feather). Large, pure white flowers, yellow blotches.
Momiji-no-taki (Maple Waterfall). Crimson-purple, suffused white.
Mixed Common, Small-flowered Japan Iris, Single and Double. 6 cts. each, 50 cts. per doz., $2.50 per 100.

SPANISH IRIS (Iris Hispanica)

Very profitable for florists, who are planting them largely for cut-flowers. Plant in beds in the open as soon as received in the autumn, and protect slightly in the winter months. In the beginning of April cover the beds with glass, so as to have the flowers ready for cutting in May.

	Each	Doz.	100
Belle Chinoise. Yellow; extra	$0 05	$0 25	$1 00
Blanche Superbe. Pure white	05	25	1 00
British Queen, Large; pure white	05	25	1 00
Cajanus. Deep golden yellow	05	25	1 00
Chrysolora. Bright yellow	05	25	1 00
Darling. Bright blue	05	25	1 00
Helena. Pale blue, shaded lilac	05	30	1 50
La Candeur. Pure white	05	25	1 00
Leander. Deep yellow	05	25	1 00
Leonidas. Dark violet-blue	05	30	1 50
Louise. Pale blue, slightly spotted	05	25	1 00
Prince of Orange. Bronze and orange	05	30	1 50
Snowball (Blanchfleur). White	05	25	1 00
Superfine Mixed	per 1,000, $3, 2 for 5 cts.	15	50

VARIOUS IRISES

	Each	Doz.	100
Anglica Mont Blanc. Pure white English Iris	$0 10	$0 75	$5 00
Anglica (English Bulbous). Mixed colors	05	35	2 00
Alata (The Scorpion Iris). Sweet-scented, sky-blue flowers; fine for pots	12	1 00	6 00
Atrofusca. Purplish lilac	50		
Cristata. Lilac, with yellow throat	08	65	4 00
Florentina alba. Beautiful satiny white flowers	06	50	3 00
Germanica, Canary Bird. Yellow and bronze, striped white	10	90	6 00
" **Gloire de Hillegom.** Porcelain-blue	15	1 50	9 00
" **Grachus.** Crimson, reticulated white; very fine	15	1 50	
" **Madame Chereau.** White, elegantly frilled, azure-blue	10	75	5 00
" **Maori King.** Golden yellow standard; velvety crimson falls, margined gold	20	1 75	10 00
" **President Carnot.** Pale blue	10	90	6 00
" **Tour d'Eiffel.** Olive, with violet falls	10	65	4 50
" **Finest Mixed.** All colors	05	35	2 00
Histroides. Large, light blue spotted flowers	25	2 50	
Iberica. Gray, striped violet-purple	25	2 50	
Morea pavonia (Peacock). Pretty	05	25	1 25
Persica. Early dwarf Persian; fine for forcing. (The French Fleur-de-Lis)	20	2 00	12 00
Pumila. Blue	10	75	4 50
" Yellow	10	90	6 00
Reticulata. Violet, spotted white, yellow and black	15	1 50	
Siberica. Mixed	05	50	3 00
Stylosa. Blue	15	1 50	
" **alba.** White, fine winter cut-flower	20	2 00	
Susiana major (Chalcedonian Iris). Bluish, tinted brown, dark lines	20	2 00	
Tuberosa (Snake's Head Iris). Rich violet	05	40	2 50

LACHENALIAS

READY IN SEPTEMBER

Very pretty, spring-flowering, greenhouse bulbous plants with brightly colored flowers and elegant habit. They should be grown in pots, four to six bulbs in a 5-inch pot, in a compost of two parts loam, two parts leaf-mold and one part each of peat, sand and well-rotted cow manure. Apply but little water until growth is somewhat advanced, but give more freely as the foliage develops; give them plenty of light and air, and keep near the glass to insure sturdy growth. Lachenalias are also excellent subjects for hanging baskets.

	Each	Doz.
Luteola. Pale yellow flowers, flushed with green	$0 25	$2 50
Nelsoni. Deep golden yellow; fine	25	2 50
Pendula. Very handsome, large and showy species, with broad foliage and rich red flowers, tipped with black	25	2 50
Quadricolor. Bright green, red and yellow flowers; very pretty	25	2 50
Tricolor. Red, yellow and green	20	2 00
Versicolor. Foliage heavily spotted brown; flowers yellow, tipped with green and red; very pretty for massing	20	2 00
Hybrids Mixed	15	1 50

MONTBRETIAS

READY IN NOVEMBER

Hardy, summer-flowering, bulbous plants that are becoming more popular every year. Their brightly colored flowers are borne on long, graceful spikes in the greatest profusion, and they are most valuable for cutting and general decorative purposes. They should be planted in groups and left undisturbed. Ordinary garden soil and a sunny position suit them. The following are the handsomest and most distinct varieties:

	Each	Doz.	100
Bouquet Parfait. Large, bright vermilion flowers, with deep yellow center	$0 05	$0 40	$2 00
Crocosmiaeflora. Large; bright orange, tinged scarlet	$0 05	$0 30	$1 50
Elegans. Bright yellow, outside streaked with vermilion; extra fine	05	40	2 00
Etoile de Feu. Bright vermilion, with deep yellow center; large flowers	05	40	2 00
Germania. Very large, orange-scarlet. The best *new* variety	15	1 50	9 00
Golden Sheaf. Bright yellow	05	40	2 00
Pottsii. Orange and scarlet; very free-flowering	05	30	1 50
Soleil couchant (Sunset). Golden yellow	05	40	2 00
Sunbeam. Rich yellow, spotted brown; large flowers	05	40	2 00
Mixed Seedlings	05	30	1 50

MONTBRETIAS

ORNITHOGALUM

READY IN SEPTEMBER

	Each	Doz.	100
Arabicum. White with black center; valuable for forcing	$0 08	$0 60	$3 50
Pyramidale. Showy spikes of white flowers	20	2 00	
Umbellatum (Star of Bethlehem). Outside green and white striped, inside satiny white; flowers in umbels; very showy	05	35	2 00

NERINE

READY IN OCTOBER AND NOVEMBER

Very beautiful greenhouse bulbous plants succeeding best in pots, in light soil—say a compost of loam, leaf-mold and sand. Frequent repotting is not advisable, but an annual top-dressing of new soil before the flowering season is recommended. During the growing season they succeed best in a frame with some bottom heat. After the leaves die they should be kept quite dry in a cool place until they begin to grow again.

	Each	Doz.
Corusca. Brilliant scarlet flowers	$0 85	
Crispa. Very handsome scarlet flowers	1 00	
Flexuosa. Bright crimson-scarlet, tinged with orange	1 40	
Fothergillii. Bright, glittering scarlet, in a many-flowering umbel	1 25	
" **major.** A magnificent plant for house or conservatory. The flowers are of the most intense shining scarlet, and by artificial light the crystalline cells of the petals sparkle like jewels. It flowers very freely	2 00	
Japonica (*Lycoris radiata*)	per 100, $5	10	$0 80
Sarniensis (True Guernsey Lily). Flowers brilliant crimson, in large clusters. The best known sort		75	
Undulata. Rosy purple, wavy flowers; very handsome		1 25	

OAXLIS

READY IN SEPTEMBER

A very pleasing class of small bulbs, producing vast quantities of brilliant flowers during the autumn and winter months; they are especially desirable for planting in hanging baskets. They are easily grown in a sandy soil, seven or eight bulbs in a 4- or 5-inch pot. Pot in September, and remove indoors early in October; keep in moderate temperature.

	Each	Doz.	100
Buttercup. A splendid winter-blooming plant for pot culture. The flowers are pure bright yellow, and produced in great abundance. It is very easily cultivated, and, being a strong grower, only one or two bulbs should be planted in a 5- or 6-inch pot. 1st size	$0 05	$0 35	$1 75
Second size	2 for 5 cts.	25	1 50
Mammoth	06	50	3 00
Bowiei. Crimson	05	35	1 75
Grande Duchesse, grandiflora alba. White	05	35	1 75
" " " **rosea.** Bright pink	05	40	2 00
" " " **lavender**	05	35	1 75
Lutea. Yellow	2 for 5 cts.	25	1 25
Multiflora alba	05	35	1 75
Rubella. Purple	05	35	1 75
Versicolor. Red, violet and white	2 for 5 cts.	25	1 25
Mixed	3 for 5 cts.	15	75

PEONIES

READY IN OCTOBER

The old-fashioned double Peonies are too well known to require description. Their popularity is due to their great merits—their easy culture, the handsome appearance of the plant, and the brilliant and striking effect of their massive, finely formed, richly colored flowers. Among hardy herbaceous perennials, the Chinese Peonies rank about first for lawn or flower-border or shrubbery decoration. They are all hardy.

HERBACEOUS CHINESE PEONIES (*Pæonia Sinensis*)

	Each	Doz.
Alba superba. (Potsii.) Creamy white center, rosy borders	$0 30	$3 00
Asa Gray. Rosy carmine	65	6 50
Charlemagne. Creamy white, center lilac and chamois	30	3 00
Comte de Niepperg. Bright carmine; very early	30	3 00
Edulis. Bright rose	20	2 00
Festiva Maxima. White	60	6 00
Gigantea. Fine pink; early; fragrant	50	5 00
Humei Carnea. Pale rose, passing to white	25	2 50
King of the Reds. Crimson	30	3 00
L'Elegante. Dark rose; very large flower	40	4 00
Madame Geissler. Rosy lilac; large flower; early	60	6 00
Marie Deroux. Rose and flesh-color	60	6 00
Reine des Fleurs. Rose, tops of petals nearly white	30	3 00
Rubens. Crimson	50	5 00
Thorbecki. Tender rose, center deep rose	30	3 00
Double Mixed White	30	3 00
" " **Crimson**	30	3 00
" " **Pink**	30	3 00
" " **Many Colors**	25	2 50

JAPANESE TREE PEONIES (*Pæonia arborea*)

These are very beautiful and free-flowering, and bloom two or three weeks earlier than the herbaceous sorts. We are importing an assortment of the following fine named varieties.

$1.50 each

Comtesse de Tuder. Rosy white; very double.

Elizabeth. Brilliant pink; very large flower.

Fragans maxima plena. Salmon-rose; very large and very double flower.

Glory of Sanghai. Cherry; anemone-flower shape.

Guillaume Tell. (William Tell.) Bright carmine; large flower.

PAEONIA TENUIFOLIA

Very elegant plants with narrow-leaved feathery foliage.

	Each	Doz.
Double-flowering. Rich crimson	$0 40	$4 00
Single-flowering. Rich crimson	25	2 50

PAEONIA OFFICINALIS

	Each	Doz.
Anemonaeflora. Crimson; single anemone-flower shape	$0 40	$4 00
Atro-rubra plena. Dark red; double	25	2 50
Mutabilis plena. Tender rose, passing to white; double	30	3 00
Splendens. Dark red; half-double flower	30	3 00

RANUNCULUS

READY IN SEPTEMBER

The main soil for these should be loam or clay, with a good dressing of rotten manure and leaf-mold; if heavy, add a little sand. The soil should be well drained, cool, deep, rich and moist. Plant late in the autumn, claws downward, from 4 to 6 inches apart and 3 inches deep, covering with fine, pulverized soil.

If ordered by mail, add 3 cents per dozen for postage

PERSIAN RANUNCULUS

	Each	Doz.	100
Belladonna. White	$0 05	$0 40	$2 50
Commodore Napier. Yellow and brown border.	05	40	2 50
California Gold. Yellow	10	75	4 00
Favorite des Dames. Striped	05	45	3 00
Jaune Supreme. Splendid yellow	05	45	3 00
Kiskoy. Purple	06	50	3 50
Mont Blanc. White	05	40	2 50
Queen of the Netherlands. Violet-black	06	50	3 50
Saturnus. Crimson	05	35	2 00
Fireball. Brilliant scarlet	05	40	2 50
Persian Mixed, all sorts	3 for 5 cts.	15	80
French Mixed	3 for 5 cts.	15	80

TURBAN RANUNCULUS

These are the most hardy of the Ranunculus, and will succeed with much less care than is necessary for the Persian sorts.

	Each	Doz.	100
Black, or **Brown**	$0 05	$0 35	$2 00
Grandiflora. Crimson	05	45	3 00
Romano. Scarlet	05	35	2 00
Merveilleuse. Orange-yellow	05	40	2 50
Seraphique. Citron	05	35	2 00
Striped	05	35	2 00
Viridiflora. Scarlet, green center	05	35	2 00
Mixed Turban	2 for 5 cts.	25	1 25

RANUNCULUS

WHITE CALLA

RICHARDIAS, or CALLAS

READY IN SEPTEMBER AND OCTOBER

Tall-growing, bulbous perennials of exceedingly graceful habit and very handsome foliage and flowers. They are easily cultivated in pots, requiring only a rich soil and plenty of water. A compost of one part good loam and one part cow manure is recommended. It is a good plan to plant them out in the garden each summer, in rich, well-manured soil, giving them plenty of water, taking them up and carefully repotting in September.

	Each	Doz.	100
White Calla, or **Lily-of-the-Nile** (*Calla Æthiopica*). Large, white, trumpet-shaped flowers of great substance. One of the most popular and ornamental of house and greenhouse plants. Largest size bulbs	$0 20	$2 00	$14 00
Pearl of Stuttgart. A new dwarf variety of sterling merit. The flowers are of medium size and perfect form, and are produced by strong plants in remarkable profusion. Even very small plants will give good blooms	30	3 00	
"Little Gem" Calla. Very neat, dwarf habit; makes an excellent pot-plant	06	60	3 50
Spotted Calla (*C. Æthiopica alba maculata*). An extremely ornamental pot-plant. with pure white flowers and handsome, deep green leaves, spotted with white	10	75	5 00
Black Calla. See *Arum Palæstinum sanctum*	20	2 00	12 00
Red Calla (*Arum cornutum*). Flowers red, spotted black; stem mottled; a handsome pot-plant	15	1 50	9 00
YELLOW-FLOWERED, SPOTTED LEAF. Grows about 2 feet high, with immense dark green leaves spotted and blotched with silvery white; flowers of medium size, pure bright yellow, with a black-purple blotch at base. Fine for spring planting. Blooms outside all summer	25	2 50	15 00

SCILLA SIBIRICA

SCILLAS

READY IN SEPTEMBER

No garden can be complete without these beautiful flowers. *S. Peruviana* requires slight protection; all the others are quite hardy, and may remain in the ground several years. The effect in early spring of the intensely rich blue, early-flowering Scilla, contrasting with the snow-white of the Snowdrop and the varied hues of the Crocus, can hardly be overestimated; are most valuable for permanent edging, or planted in bunches of a dozen or so.

If ordered by mail, add 5 cents per dozen for postage, except those marked with a (*), to which add 2 cents each

	Each	Doz.	100
Sibirica. Blue	$0 05	$0 35	$1 75
" **alba.** White-flowered variety of the above	06	45	3 00
Bifolia. Blue	05	35	2 00
Campanulata (Wood Hyacinth). Blue	05	25	1 25
" **alba.** White	05	35	2 00
" **rosea.** Rose	05	35	2 00
Nutans coerulea (Nodding Squills). Blue	05	35	1 75
" **alba.** White	06	50	3 00
" **rosea.** Rose	06	50	3 00

	Each	Doz.
***Peruviana alba** (White Cuban Lily)	$0 20	$2 00
" **lutea** (Yellow Cuban Lily)	50	5 00
" **coerulea** (Blue Cuban Lily)	15	1 50

SNOWDROPS

SNOWDROPS

(*Galanthus nivalis*)

READY IN SEPTEMBER

Perhaps no spring flower is a more general favorite than the Snowdrop. The earliest flowering of its varieties is the common single sort, which is also very graceful and beautiful, commencing to bloom before the snow is fairly off the ground in spring. This is succeeded by the double-flowered variety, with its elegant drooping, snow-white blossoms. Should be planted 2 to 3 inches deep in a shady location.

DWARF DOUBLE PEARL TUBEROSE

If ordered by mail, add 3 cents per dozen, or 25 cents per 100 for postage

Single-flowering Snowdrops. 20 cts. per doz., $1.25 per 100, $9 per 1,000.
Double-flowering Snowdrops. 35 cts. per doz., $2 per 100, $15 per 1,000.
Giant Snowdrops of Asia Minor (*Galanthus Elwesii*). 20 cts. per doz., $1.25 per 100, $9 per 1,000.

TUBEROSES

READY IN DECEMBER

The purity of color and rich perfume of the Tuberose are well known. In this latitude, May 1 is early enough to plant in the open ground, but the bulbs may be started in pots much earlier if desired. They do best in a rich, warm soil and in a sunny situation. Cut off about a quarter of an inch from the bottom of the bulb before planting, and set so that the top will be one inch below the surface of the soil.

	Each	Doz.	100
Dwarf Double Pearl. Dwarf habit; large, fine flowers of great substance	$0 06	$0 40	$2 00
Albino. Purest white; single flowers	08	50	3 00
Variegated Leaf. Foliage striped white and green; single white flowers	08	50	3 00

SPIRAEA, or ASTILBE

READY IN NOVEMBER

Tall, graceful, branching, herbaceous perennials, thriving in rich soil and damp positions. Those we list are extensively used for forcing for winter decorative purposes, for which they are eminently adapted, either as cut-flowers or in pots for window and table decoration. They should be potted when received and buried outside till they begin to form roots. They may then be taken in and forced as required. They require abundance of water.

Japonica (Hoteia). Excellent pot-plant for winter blooming. Large, branching panicles of pure white, feathery flowers; fine for cutting. Clumps for forcing or outdoor planting. 15 cts. each, $1.25 per doz., $6 per 100.

Japonica fol. aurea reticulata. Beautiful gold-striped foliage; large panicles of pure white flowers. 20 cts. each, $2 per doz., $12 per 100.

Japonica compacta multiflora. The neat, compact habit and profusion of large, handsome, pure white flowers make it a most elegant pot-plant. 15 cts. each, $1.25 per doz., $6 50 per 100.

Astilboides floribunda. Very large, pure white plumes; neat habit; very abundant bloomer. 15 cts. each, $1.50 per doz., $7 per 100.

Palmata. Crimson; strong clumps. 15 cts. each, $1.50 per doz., $7 per 100.

Aruncus. Handsome plant, with large plumes of pure white flowers. 20 cts. each, $2 per doz.

Gladstone. A hybrid Spirea with beautiful snow-white plumes borne on strong stems one and a half feet long, standing erect above the foliage. The plant is perfectly symmetrical in shape, the foliage very handsome and the flowers exquisitely fragrant. Fine forcer. 20 cts. each, $1.75 per doz,, $10 per 100.

SPIREA

Washington. New. A splendid decorative plant, producing extra-large flowers. A strong-grower and a fine forcing variety. 15 cts. each, $1.50 per doz., $8 per 100.

QUEEN ALEXANDRA, PINK. A splendid **new pink variety,** in habit similar to the well-known Gladstone, but flowering two weeks later. It is a very free bloomer and bears its flowers well above the strong, dark green foliage. When forced it must be shaded as soon as it starts to show color. It is a splendid outdoor plant, being as hardy as the old *Spiræa Japonica.* Its color won't fade even in the brightest weather. 70 cts. each, $7 per doz.

TRILLIUM SESSILE CALIFORNICUM

TRILLIUMS

(American Wood-Lily, or Indian Shamrock)

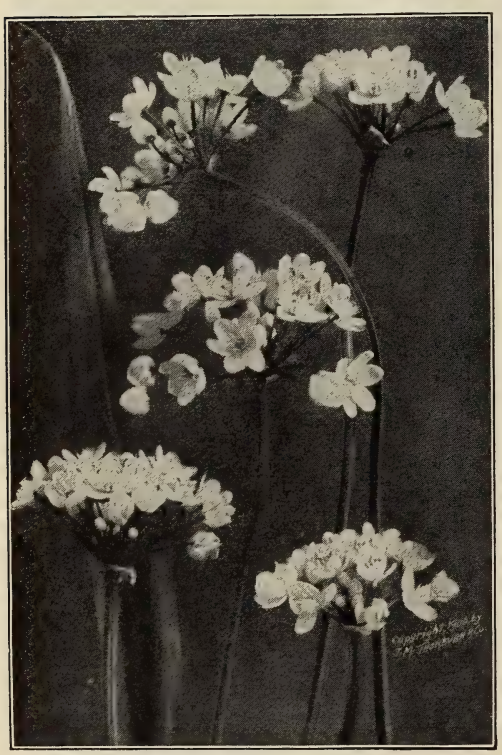
Hardy herbaceous perennials, succeeding best in a deep, well-drained soil and in a somewhat shady situation. They require plenty of water during the summer. All are native of North America, and are known by various common names in different localities. They have violently emetic roots.

	Each	Doz.	100
Grandiflorum ("Giant American Wood-Lily," or "Wake Robin"). Large white flowers, changing to rose; quite hardy, and easily grown in shaded positions	$0 10	$0 75	$4 00
Sessile Californicum. Handsome, pure white flowers; prettily mottled foliage	12	1 25	6 50
Sessile, Snow Queen. Of same type as Californicum, but the flowers are pure white and with broader petals	15	1 50	9 00

Miscellaneous Bulbs and Roots

Those marked with an asterisk (*) will not be ready till October.

	Each	Doz.	100
***Achimenes.** Mixed. Lovely greenhouse pot-plants	$0 10	$0 75	$5 00
ACIDANTHERA BICOLOR. Ready in November. A gladiolus-like plant, growing two feet high; flower-spikes pure white and sweet-scented, with a large triangular blotch in the center. Blooms during July and August. The bulbs must be kept warm and dry over winter	35	3 50	
Aconite. See Eranthis, page 33.			
Allium. Perfectly hardy bulbous plants of the easiest cultivation. They are excellent for the flower border or for naturalizing in masses. The varieties offered below are also suitable for forcing for winter cut-flowers.			
" **Azureum.** Beautiful sky-blue flowers in large umbels; fine for pots or garden	08	60	4 00
" **Neapolitanum.** Large umbels of pure white flowers, borne on large stems; valuable for forcing for winter cut-flowers, as well as for summer garden decoration	05	25	1 25
" **Moly luteum.** Golden yellow flowers in large umbels; very showy and attractive; fine for growing in the garden in groups or for naturalizing in masses.....2 for	05	20	1 00
" **Hermettii grandiflorum.** Makes a splendid pot-plant for winter blooming in the house, the handsomest, large, pure white flowers being produced abundantly and for a long time; largely used by florists for forcing for cut-flowers	05	30	1 50
" **Ostrowskyanum.** Deep carmine	05	40	2 25



ALLIUM NEAPOLITANUM

Alstroemeria aurea. Golden yellow	12	1 00	
" Brasiliensis. Deep red, with black spots	15	1 25	
" Mixed. Tall plant, beautiful flowers; for pots or frames	10	85	5 50
Amorphophallus Rivieri. A species of arum with ornamental leaves; flowering without soil or water	50	5 00	
Anomatheca cruenta. Rich crimson flowers; neat, dwarf habit; excellent for window-garden	05	25	1 25
Anthericum. Ornamental border plants, also fine for pot culture. Do best in light, rich soil, and require plenty of water while growing.			
" **Liliago** (St. Bernard's Lily). Pure white flowers; 1½ feet high	15	1 00	
" **liliastrum** major (St. Bruno's Lily). Pure white, fragrant	15	75	
" **Ramosum.** Of branching habit; white flowers; 2 feet high	15	1 25	
Antholyza, Mixed. Like Gladioli. Take up in fall	15	1 25	8 00
Apios tuberosa. Hardy climber, with clusters of fragrant purple flowers	05	50	3 00
Asphodelus ramosus. Hardy perennial; large, white flowers; pretty	35	3 50	
" **luteus.** Bright yellow	10	1 00	
Babiana. Mixed colors; for pots	05	35	2 00
***Bessera** elegans (Coral Drops). Bright coral-scarlet, with white cups	08	60	4 00
Bloomeria aurea. Light yellow	10	75	5 00
Bravoa geminiflora. Orange and scarlet; twin-flowered	15	1 50	
Bulbocodium vernum. A very pretty little bulbous plant, with rosy purple, crocus-like flowers; it is one of the earliest spring plants, blooming even before the Crocus	15	1 25	8 00
Callas. See Richardia, page 29.			
Camassia Cusickii. Superb variety with very large leaves and lovely pale sky-blue flowers, produced in racemes 2 to 3 feet long	20	2 00	
" **esculenta.** Pretty violet-blue flowers; fine for cutting	05	30	1 50
" **Leichtlinii.** Fine cream white variety	15	1 25	8 00
Chionodoxa gigantea. Very large lilac-blue flowers, with large white eye	05	35	2 00
" Luciliæ ("Glory-of-the-Snow"). Porcelain-blue, white eye	05	35	2 00
" Sardensis. Lovely deep blue flowers, produced in great numbers	05	35	2 00
Cinnamon Vine. See *Dioscorea*	06	50	3 00
Clematis coccinea. A hardy herbaceous perennial climber; flowers rich scarlet	15	1 25	10 00
" **Jackmani** alba. Blush white	25	2 25	15 00
" " superba. Purple	25	2 25	15 00

MISCELLANEOUS BULBS AND ROOTS, continued

	Each	Per doz.	100
Colchicum autumnale fl. pl. (Meadow Saffron)	$0 12	$1 25	$8 00
" Mixed. Many bright colors	10	75	5 00
Cooperia Drummondii (Evening Star). White; take up in fall and keep in cellar, covered with soil, until spring	05	35	2 00
" pedunculata (Rain Lily). Beautiful white fragrant flowers	05	35	2 00
" Oberwetteri. Bright green	05	35	2 00
Corydalis bulbosa rubra. Rosy purple; very early, spring flowering	10	75	3 50
Crocosmia aurea (Tritonia). Half-hardy; orange flower	05	40	2 50
*__Dicentra spectabilis__ (Dielytra, Bleeding-Heart). Hardy; also for forcing	20	2 00	12 00
Dioscorea Batatas (Cinnamon Vine)	06	50	3 00
Dodecatheon Hendersoni. Rose-purple, with yellow band	10	75	4 00
" Clevelandi. White, tinted pink; tall	10	75	4 00
Eranthis hyemalis (Winter Aconite). Yellow	05	35	2 00
Eucharis Amazonica. Fine white-flowered greenhouse plant. Magnificent	80		
Geranium sanguineum. Hardy perennial. Crimson-purple flowers	15	1 50	
*__Haemanthus__ albiflos. White; fine for pots	1 25		
" coccineus. Scarlet; for pots	1 50		
" puniceus. Orange-red; for pots	1 25		
" tigrinus. Crimson; for pots	2 00		
*__Helleborus niger major__ (Christmas Rose). Perfectly hardy, but most valuable for forcing	35	3 50	
*__Hemerocallis,__ Apricot. Distinct rich apricot	25	2 50	
" flava. Clear yellow	10	75	5 00
" fulva. Coppery orange, shaded crimson	10	90	6 00
" Gold Dust	25	2 50	
" Kwanso flore pleno. Coppery orange; double	10	75	4 50
" Sieboldii. Reddish orange	15	1 25	8 00
*__Hyacinthus__ candicans. A snow-white summer-flowering giant Hyacinth	05	50	3 00
Incarvillea Delavayi. Large; rosy purple; splendid hardy perennial, with handsome foliage.	25	2 50	
Leucojum æstivum. Summer-flowering white Snowflake	05	40	2 50
" vernum. Spring-flowering dwarf Snowflake	05	35	2 25
Milla biflora. Pure waxy white flowers, over 2 inches in diameter	05	35	2 00
*__Pancratium__ calathinum (Basket flower). Very fragrant white flowers	20	2 00	
" Illyricum. Half-hardy; large, fragrant white flowers	80	7 00	
" maritimum (Sea Daffodil). Delightfully fragrant; white	20	2 00	12 00
" undulatum. White	20	2 00	12 00
Pentlandia miniata. Beautiful crimson flowers; for greenhouse	25	2 50	
*__Schizostylis__ coccinea. Scarlet gladiolus-like flowers in spikes	08	60	3 50
Sparaxis. Finest mixed	05	20	85
Tricyrtis hirta. Beautiful; fall-flowering; hardy; from Japan	10	75	5 00
Triteleia uniflora. Pure white, shaded with blue; hardy	05	20	85
*__Tritoma__ uvaria grandiflora (Red-Hot Poker Plant). Half-hardy	15	1 25	8 00
" MacOwani. Dwarf variety; bright orange-red	15	1 25	8 00
" Pfitzeri. Large spikes of intense flame-colored flowers. In beds it makes a gorgeous display. It should be planted in the spring	20	1 75	10 00
*__Tritonia__ crocata. Mixed	05	40	2 50
*__Trollius__ Europæus. Yellow	20	1 75	12 00
" caucasicus (Orange Globe). Large globular golden yellow flowers	40	4 00	
" giganteus. Yellow	25	2 50	
" japonica excelsior. Semi-double, rich glowing orange	30	3 00	
*__Tropaeolum__ tricolorum Jarrattii. Fine greenhouse climber; for pots	25	2 50	
" pentaphyllum	40	4 00	
" speciosum (Flame-flowered Nasturtium). Brilliant scarlet	20	2 00	
Tydaea. Mixed. Very showy	20	2 00	
*__Vallotta__ purpurea (Scarborough Lily)	40	4 00	
WATSONIA ARDERNEI (O'Brieni). Each bulb produces from 50 to 100 large and very beautiful snow-white gladiolus-like blooms over 3 inches in diameter. Fine for forcing in the greenhouse or for planting outdoors in spring	50	5 00	
Zephyranthus atamasco. Pure white	10	75	5 00
" candida. White greenish base	10	75	5 00
" Texana. Yellow-flowered Texan species	10	90	6 00

Hardy Annual and Perennial Flower Seeds

FOR AUTUMN SOWING

Many varieties of Flower Seeds, ANNUALS as well as BIENNIALS and PERENNIALS, may be sown in the open ground in the autumn. We give here a list of such as will succeed in this latitude and southward. The plants from autumn-sown seed become larger and more robust, flowering earlier and more numerously than if sown in the spring.

	Pkt.
Acanthus mollis	$0 05
" spinosus	05
Achillea Ptarmica, double, "The Pearl"	10
Aconitum Napellus	05
" pyramidatum	05
" Columbianum	25
Adenophora Potanini	10
Adonis vernalis	05
Agapanthus umbellatus. Blue	10
Agrostemma coronaria (Rose Campion)	05

DELPHINIUM

	Pkt.	Oz.
Agrostemma coronaria, mixed	$0 05	$0 40
Allionia linearis	25	
Alsine pinifolia	05	
Alyssum saxatile compactum	05	60
Anchusa Barrelieri	25	
Anemone coronaria. Single Caen	05	
Aquilegia chrysantha	10	
" caryophylloides	25	
" cœrulea	10	
" gladulosa vera	10	
" truncata	10	
" Skinneri	25	
" vulgaris, Single Mixed	05	30
" " Double Mixed	05	30
Arabis alpina	05	
Astralagus Shortianus (Purple Vetch)	25	
Asclepias speciosa	10	
Asperula odorata	05	
Auricula. Finest Mixed	25	
Aubrietia deltoidea	10	
" Græca	10	
Baptisia australis	05	
Bigelovia albicaulis (Prince's Plume)	25	
Bocconia Japonica	05	
Boltonia asteroides	25	
Buphthalmum cordifolium	05	
Calampelis scabra. Fine climber for trellises	10	
Callirhoe involucrata	05	
Campanula carpatica	05	50
" " alba	05	60
" Medium Single Mixed	05	30
" " Double Mixed	10	
" macrostyla	10	
" persicifolia grandiflora, Blue	25	
" " " alba	25	
" pyramidalis, Blue	05	
" " White	05	
" Sibirica, Blue	05	
" collection of 12 finest varieties	60	
Candytuft sempervirens	05	
" Gibraltarica	10	
Castilleia pallida (White Cup)	50	
Catananche cœrulea	05	
Cedronella cana	05	
Centaurea, (Blue Cornflower), Emperor Wm.	05	25
" Mixed Cornflower	05	25
" odorata Margaritæ	10	
" imperialis, White	10	
" " Mixed	10	
Cephalaria Tatarica	05	
Cerastium tomentosum	50	
Chamaepeuce Casabonæ	05	
Clarkia elegans, Mixed	05	30
Convolvulus Mauritanicus	10	
Cowslip (Primula veris)	10	
Crucianella stylosa	10	
Daisy, Double White	10	3 00
" " Red	10	
" " Snowball	10	
" " Longfellow	10	
" " Maxima, Extra large	10	
" " Mixed, Extra large	10	4 00
" Shasta	25	
Delphinium Ajacis, Dwarf Rocket	05	30
" Barlowi	25	
" Brunonianum	25	
" hybridum. Double	25	
" Cardinale	25	
" Cashmerianum	25	
" Chinese, Mixed	05	50
" formosum	10	75
" Zalil	10	
Dictamnus Fraxinella, Red	10	
" " White	10	

HARDY ANNUAL AND PERENNIAL FLOWER SEEDS, continued

	Pkt.	Oz.
Dracocephalum Moldavicum	$0 05	
Eryngium cœlestinum	05	
" giganteum	05	
" yuccæfolium	10	
Eschscholtzia Californica	05	$0 40
" The Golden West	05	
" "Carmine King"	10	
" "Mandarin"	05	50
Erigeron aurantiacus	10	
Euphorbia robusta. Mountain Spurge	10	
Eustoma Andrewsii (Lisianthus)	50	
Forget-me-not (Myosotis)—		
" alpestris, Blue	10	75
" " alba	10	90
" " nana cœrulea	10	
" " robusta grandiflora	10	
" " Victoria	25	
" palustris	10	
" Star of Love	25	
" sylvatica	10	75
Foxglove, Purple	05	30
" White	05	
" Large-flowered	05	
" Rose	05	
" Mixed	05	30
" gloxinioides, White	05	
" " Purple	05	
" " Rose	05	
" " Mixed	05	40
" maculata superba	05	50
" monstrosa, Splendid Mixed	10	
" Collections of 12 finest varieties	40	
Fragaria Indica	10	
Gaillardia amblyodon	05	
" grandiflora maxima	05	
" " aureo-variegata	10	
Galega officinalis	05	
" " alba	05	
Gaura Lindheimeriana	05	40
" coccinea. Scarlet	10	
Gentiana acaulis	10	
" Bigelovii. Blue	25	
Geranium Fremontii. Cranesbill!	10	
Geum Chiloense coccineum fl. pl.	05	
" " atrosanguineum fl. pl.	05	
Godetia, Mixed	05	30
Gunnera manicata	25	
" scabra	25	
Gypsophila paniculata	05	40
Hedysarum MacKenzii. Sweetbroom	10	
Helenium Douglasii	05	
Helleborus niger	10	
" " New Hybrids	25	
Heuchera sanguinea	25	
" " splendens	25	
" bracteata. Alum root	50	
Hibiscus Moscheutos roseus	10	
Hollyhock, Double White	10	1 50
" " Light rose	10	2 00
" " Crimson	10	
" " Salmon	10	2 00
" " Bright Pink	10	2 00
" " Scarlet	10	
" " Sulphur Yellow	10	1 50
" " Mixed	10	75
" Collection, 12 varieties	1 00	
" " 8 "	75	
" " 6 "	60	
Hunnemannia fumariæfolia	05	
Hyacinthus candicans	05	
Jacob's Ladder, Blue	05	25
" " White	05	
Lavatera arborea variegata	10	
Lathyrus latifolius, Crimson	05	50
" " Pink Beauty	05	30
Leontopodium alpinum	25	
Linaria Cymbalaria	05	
Linum Lewisii variegatum	05	60
Lupinus polyphyllus, Mixed perennial	05	30
" tricolor elegans	05	
Lychnis Chalcedonica	05	
" " alba	05	
" Haageana hybrida	10	
Melilotus cœrulea	05	30
Mimulus cardinalis	$0 10	
Molucella spinosa	25	
Nierembergia frutescens	10	
Orobus niger	05	
Paeonia officinalis	05	
" Sinensis	10	
Pansy. See page 37.		
Pentstemon Cobæa	10	
" cœrulens. Sky-blue	10	
" Mixed. Large-flowered vars.	05	
Persicaria, Red	05	
" White	05	
Phlox decussata, Mixed	10	
" Large-flowered Mixed Hybrid Perennial	25	
Physalis Franchetti	10	
Physostegia Virginica alba	10	
Picotee. White ground	50	
" Yellow ground	50	
" Mixed. Extra fine	50	
Platycodon grandiflorum	10	
" " album	10	
" " Mariesi	10	
" " " Macranthum	25	
Polyanthus, Finest	25	
" Gold-laced	25	
Potentilla, Mixed	05	
Poppy Orientale	10	
" " Mixed Hybrids	10	
" nudicaule (Iceland Poppy)	10	
" " album	10	
" " Mixed	10	$0 75
" bracteatum	10	
Primula cortusoides	10	
" Cashmeriana	25	
" Japonica	10	
" farinosa	25	
" Forbesi	25	
" vulgaris (English Yellow Primrose)	10	
Pueraria Thunbergiana (Kudzu Vine)	10	
Pyrethrum atrosanguineum	05	
" roseum hybridum, Double Mix'd	25	
" " " Single Mixed	05	
" " " grandiflorum	25	
" Parthenium aureum	05	
" " " Golden Gem	05	
Rheum palmatum	05	
" Collinianum	05	
Rudbeckia amplexicaulis	05	
Scabiosa minor aurea fl. pl.	10	
" Caucasica	10	
Snapdragon, Delilah	05	
" Galathée	05	
" Romeo	05	
" Queen Victoria	10	
" Pink Empress	10	
" Black Prince	10	
" White	05	
" Yellow	05	
" Mixed	05	50
" New Large-flowered Mixed	10	
" Fine Dwarf Mixed	05	50
" Tom Thumb Mixed	05	1 00
Stachys lanata	05	
Statice, Mixed Perennial	05	
Stokesia cyanea	10	
Sweet William, White Single	05	40
" " " Double	05	
" " Dark Crimson Single	05	
" " " " Double	05	
" " Auricula-flowered	05	40
" " Mixed Single	05	30
" " " Double	05	75
Sweet Peas. All sorts in General Catalogue. Thorburn's Special Mixed, per lb. 75c.	05	10
Trifolium suaveolens	05	
Trollius, Hybrid Mixed	10	
Verbascum pannosum	05	
Veronica, Mixed	10	
Viola Nuttalii. Yellow Violet	25	
Wallflower, Brown	05	40
" Mixed	05	40
" Double Mixed German	10	
" Harbinger. Early	05	

Flower Seeds for Frames and Greenhouses

	Per pkt.
Abutilon, Mixed	$0 25
Acacia decurrens	10
" Farnesiana	05
" mollissima floribunda	25
Achimenes, Best Mixed	25
Angelonia grandiflora	25
Antigonon leptopus	10
Asparagus Sprengeri	10
" plumosus nanus	25
" " robustus	25
Begonia, Single Tuberous-rooted	25
" Double " "	75
" Fringed Single Tuberous	50
" Erfordi	25
" semperflorens rosea	25
" " alba	25
" " Vernon	25
" " Bijou	25
Browallia elata, Blue	10
" alba	10
" speciosa major	25
Calceolaria, Large-flowered, Self-colored	25
" " " Tigered, or Spotted	25
" " " Dwarf Tigered	25
" " " Tigered and Selfs	25
" rugosa	50
Candytuft, Empress, per oz., 40 cts.	05
" Little Prince	10
" Queen of Italy, per oz., 40 cts.	05
Carnation, Margaret, Mixed, per oz., $1.50	10
" " Half Dwarf, Mixed, oz., $1.75	10
" " Very Dwarf, Mixed	10
" " White	10
" " Yellow	25
" Chabaud Perpetual	25
Cineraria hybrida, White	25
" " Azure-Blue	25
" " Crimson	25
" " Splendid Mixed	25
" " Large-flowered, Half Dwarf	50
" " " " Prize	50
" " Double	75
" stellata	25
Coleus, Fine Hybrids	25
Cyclamen giganteum, Mont Blanc, 100 seeds, $1.50	25
" " atropurpureum " " $1.50	25
" " superbum " " $1.50	25
" " variegatum " " $1.50	25
" " roseum " " $1.50	25
" " Mixed " " $1.50	25
" " Salmon. New	50
" " Aurora Borealis. Beautiful new variety; fringed white and pink; extra large 10 seeds,	50
Erythrina crista-galli	10
Gardenia Thunbergii	25
Genista Canariensis	10
Geranium Zonale	10
Gesneria, Extra Mixed	50
Gloxinia hybrida, Mixed	50
" " crassifolia erecta	50
" " " horizontalis	50
" " grandiflora "Defiance"	50
" " " French Tigered and Spotted	50

	Per pkt.
Gloxinia hybrida, gigantea, "Cyclops"	$0 50
Heliotrope, Fine Mixed, per oz., $1.50	10
Impatiens Sultani, Scarlet	25
" Holstii	25
" Sultani Mixed	25
Lobelia erinus erecta, Crystal Palace compacta	25
" " " Emperor William	10
Maurandya, Mixed	10
Mignonette, Machet, per oz., 50 cts.	10
" Allen's Defiance	10
" Diamond, per oz., 50 cts.	10
" Gabrielle, per oz., 50 cts.	10
Musk Plant	10
" " New Compact	10
Nicotiana Sanderæ	10
Pansy. See page 37.	
Phormium tenax	10
Phygelius capensis	25
Primula obconica grandiflora alba	25
" " " rosea	25
" " " carminea	25
" " " hybrida	25
" Sinensis fimbriata rubra	25
" " " alba	25
" " " cœrulea	50
" " " punctata atropurpurea	25
" " " kermesina splendens	25
" " " Mixed	25
" " " filicifolia alba	25
" " " " rubra	25
" " " " Mixed	25
" " " globosa rubra	25
" " " " alba	25
" " " " Mixed	25
" " " plena rubra	75
" " " " alba	75
" " " " Mixed	75
" **stellata** (Star Primula), White Star	50
" " Giant White Star	50
" " Blue Star	50
" " Rosy Star	50
" " King of the Star. Crimson	50
" " Hybrids Mixed	50
Rosa multiflora nana	25
Sinningia regina, Violet	50
Smilax, per oz., 75 cts.	10
Solanum capsicastrum	10
" giganteum	10
" Hendersonii	10
" Seaforthianum	10
" Warscewiczioides	10
Stevia serrata	10
Stocks, Cut-and-Come-Again	10
" Dwarf, Large-flowering. Mixed	10
" Winter, Empress Elizabeth	25
" Intermediate White	25
" Rose, Brilliant de Nice	25
Strelitzia Augusta	25
Vinca alba pura	10
" rosea	10
" " alba	10
" " Mixed	10
Wallflower, German Double	10
" Single, Blood-colored, per oz., 40 cts.	05
" " Yellow	05
" " Mixed, per oz., 40 cts.	05

PANSY

To have fine Pansies for spring flowering, the seed should be sown in frames in August, and not later than September.

	Pkt.	Oz.
Thorburn Superb. The richest and most choicely varied mixture ever offered	$0 25	$5 00
Bugnot Superb Blotched	25	4 00
Cassier's Fine Mixed	25	4 00
Masterpiece. Curled wavy petals; splendid.	15	2 00
Madame Perret. Giant-flowered	15	2 00
Parisienne Mixed. New strain; handsome	10	2 00
Fine Large English. All colors mixed	10	1 25
Mixed. Ordinary strain	05	75
Azure-Blue	10	1 25
Black (Faust)	10	1 25
Bronze	10	1 25
Coquette de Poissy. Mauve	10	1 50
Emperor William. Ultramarine-blue	10	1 25
Fairy Queen. Light blue, with white border.	10	1 50
Fawn-colored	10	1 25
Fire King. Golden yellow and purple	10	1 50
Gold Margined	10	1 25
Light Blue	10	1 25
Lord Beaconsfield. Deep purple-violet	$0 10	$1 25
Meteor. Bright yellow and brown	10	1 50
Peacock. Large, peacock-blue	25	3 00
President Carnot. White, deep blotch	10	2 00
Rainbow, or **Pheasant's Eye** (*Quadricolor*)	10	1 25
Red Riding Hood. Brilliant shades of red	10	1 25
Snow Queen (**Candidissima**). Pure white	10	1 25
Tiger. Curiously striped and mottled	10	1 50
Victoria. A fine deep solid wine-red	10	1 50
White, with Black Center. Very showy	10	1 25
Yellow, with Black Center. Splendid	10	1 25
Yellow Gem. Pure yellow, without eye	10	1 50
Giant Trimardeau, White	10	1 50
" " **Yellow** (*Golden Crest*)	10	1 50
" " **Auricula-flowered**	25	
" " **Azure-Blue**	10	1 50
" " **Lord Beaconsfield**	10	1 50
" " **Mixed**	10	1 50

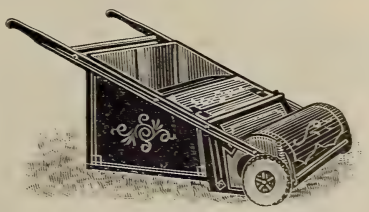
THE GEM LAWN CLEANER

LAWN SWEEPER, "MODEL NO. 1"

Designed for use on ordinary lawns, small parks, tennis courts, etc. It is 25 inches wide over all, weighs 28 pounds, and carries a 21-inch brush. The brush is fan-shaped, and revolves very rapidly in the same direction as the drive wheels, throwing the litter backwards from the under surface. Price, $11.

THE GEM LAWN CLEANER

A revolving fan with metal teeth creates an air-current which carries into the canvas basket all leaves, dead grass, stones, etc., that the rake encounters. It straightens up crab grass and other running weeds so that they may be cut by the lawn mower. Price, $16.



LAWN SWEEPER, "MODEL NO. 1"

Choice Vegetable Seeds

ARTICHOKE

	Per pkt.	Oz.	¼lb.	Lb.
French Globe	$0 10	$0 35	$1 00	$3 50
Laon, or **Paris Green**	10	35	1 00	3 50

BEANS

	Per pt.	Qt.
Bountiful	$0 15	$0 30
Longfellow	15	30
Golden Refugee	15	30
Marvel of Paris	15	30
Stringless Green-pod	15	30

BEETS

	Per oz.	¼lb.	Lb.
Egyptian	$0 10	$0 20	$0 50
Crosby Egyptian	10	20	60
Crimson Globe	10	20	60
Detroit	10	20	60
Eclipse	10	20	60

CABBAGE

	Per oz.	¼lb.	Lb.
Early Spring	$0 20	$0 60	$2 00
Extra-Early Jersey Wakefield	30	85	3 00
Early Jersey Wakefield	30	85	3 00
Charleston Wakefield	30	85	3 00
Colossal, Thorburn's	25	75	2 50
Improved Early Summer	20	60	2 00
Succession Improved	25	75	2 50
Thorburn Market-Gardener's Private Stock Flat Dutch	25	75	2 50

CAULIFLOWER

	Per pkt.	Oz.	¼lb.	Lb.
Extra-Early Dwarf Erfurt	$0 50	$5 00		
Large Early Erfurt. Extra fine	25	2 25	$7 50	$30 00
Thorburn Large Early Snowball	25	2 25	7 50	28 00
Thorburn Gilt Edge	25	2 25	7 50	28 00
Large Algiers (Italian)	10	30	1 00	4 00

CARROTS

	Per oz.	¼lb.	Lb.
Early Bellot	$0 15	$0 30	$1 00
Half-Long Pointed	10	25	80
Half-long Stump-rooted, Nantes Strain	10	25	80
Half-long Chantenay	10	25	80
Long Orange	10	20	60
St. Valery	10	25	75

CELERY

	Per oz.	¼lb.	Lb.
Thorburn Fin de Siecle	$0 20	$0 60	$2 00
Improved White Plume	20	60	2 00
Golden Self-blanching Gilt Edge Strain	45	1 25	4 50
Perfection Heartwell	20	50	1 50
Giant Pascal	20	50	1 50

CUCUMBERS - For Frames

	Per pkt.
Prescott Wonder	$0 25
Noa's Forcing	25
Sutton's Progress	25
Telegraph	25

ENDIVE

	Per oz.	¼lb.	Lb.
Green-curled Winter	$0 15	$0 35	$1 25
Broad-leaved (Escarolle)	15	35	1 25
Queen of Winter	20	50	1 75

KALE, or BORECOLE

	Per oz.	¼lb.	Lb.
Curled Siberian	$0 10	$0 20	$0 50
Dwarf Green Curled Scotch	10	25	75
**Tall " " " **	10	25	75
Emerald Isle. Finest of all	10	30	90

LETTUCE

	Per oz.	¼lb.	Lb.
Thorburn's Maximum	$0 20	$0 50	$1 50
Market-Gardener's Private Stock	20	50	1 50
Big Boston	15	35	1 25
Giant Crystal Head	15	35	1 25
Thorburn's Glass-House	20	60	2 00
Thorburn Mammoth Butter, Black Seed	20	50	1 50
Thorburn Yellow Winter	20	60	1 75

ONIONS

	Per oz.	¼lb.	Lb.
White Early Queen	$0 20	$0 60	$2 00
" **Paris Silverskin**	25	75	2 50
" **Pearl.** Small	25	75	2 50
" **Victoria**	25	75	2 50
" **Varigirard Winter**	25	75	2 50
" **Mammoth Garganus**	20	60	2 00
" **Bermuda** (Teneriffe-grown)	25	75	2 50
" " **Crystal Wax**	30	1 00	3 50
Yellow Danvers	20	60	2 00
" **Large Globe**	30	85	3 00
" **Strasburg**	20	60	2 00
Red Giant Rocca	20	60	2 00
" **Early Flat**	25	75	2 50
" **Large Wethersfield**	20	60	2 00
" **Large Globe**	30	85	3 00
" **Mammoth Garganus**	25	75	2 50
" **Bermuda** (Teneriffe-grown)	20	65	2 25

PEAS

	Per pt.	Qt.	½pk.	Pk.	Bus.
Thorburn's Extra-Early Market	$0 15	$0 25	$0 75	$1 25	$4 50
Alaska	15	25	75	1 25	4 50
Shropshire Hero	15	30	1 00	1 75	6 00
Yorkshire Hero	15	30	85	1 50	5 00
Prince of Wales	15	30	85	1 50	5 00

PARSLEY

	Per oz.	¼lb.	Lb.
Moss Curled	$0 10	$0 20	$0 50
Hamburg, Rooted	10	20	60

RADISH

	Per oz.	¼lb.	Lb.
Turnip, French Scarlet	$0 10	$0 20	$0 50
" **Deep Scarlet, Forcing**	10	20	60
White Strasburg	10	20	60
Winter Round Black Spanish	10	20	50
" **Long " " **	10	20	60

SPINACH

	Per oz.	¼lb.	Lb.
Round Viroflay (Thick-leaved)	$0 10	$0 15	$0 35
Curled-leaved Savoy, or **Bloomsdale**	10	15	35
Long-standing (Round thick-leaved)	10	15	35
Prickly	10	15	35

TOMATO - For forcing under glass

	Per pkt.	Oz.	¼lb.	Lb.
Acme	$0 05	$0 20	$0 60	$2 00
Enormous	10	30	85	3 00
Favorite	05	20	60	2 00
Paragon	05	20	60	2 00
Perfection	05	20	60	2 00
Quarter-Century	10	30	85	3 00
Royal Red	05	20	60	2 00
Ruby	05	20	60	2 00
Sutton's Best of All	10	40	1 25	4 00
Stirling Castle	10	40	1 25	4 00
Trophy	05	20	60	1 75

TURNIP

	Per oz.	¼lb.	Lb.
Purple-top Milan	$0 10	$0 20	$0 60
White Milan	10	25	75
Red-top Strap-leaf	10	20	45
Red-top Globe-shaped	10	20	45
White Strap-leaf Flat	10	20	45
Yellow Stone	10	20	60
Rutabaga, Thorburn Purple-top Improved	10	20	50

Grass Seeds for Autumn Sowing

Autumn sowing is recommended from the latter part of August to the end of September, so that the young grass may become well rooted before winter sets in. Our new-crop seed of the leading sorts is ready now.

The Thorburn Lawn Grass (UNIVERSAL PARK MIXTURE)

Practically all the finest lawns in America were produced from this mixture. It is composed exclusively of permanent grasses that make a finer and thicker turf the older they become, and yet give a rich green sward in three or four weeks from the time of sowing. The ordinary Central Park Lawn Grass Seed as usually sold is not to be compared with this superior mixture. It should be sown at the rate of 4 to 5 bushels to the acre (15 pounds to the bushel). Per qt., 25 cts.; 2 qts., 40 cts.; ½pk., 65 cts.; pk., $1; bus., $3.50.

Thorburn's Special Lawn Grass Mixture

This extra-choice mixture contains a large proportion of the finer and more expensive species, such as Rhode Island Bent, Crested Dog's-Tail, Creeping Bent, in extra-heavy samples, bringing the weight up to 20 lbs. per bushel, and producing a turf of the closest and finest texture possible. Price per bushel of 20 lbs., $5.

Thorburn's Lawn-Restoring Grass Seed

A mixture of grasses peculiarly suited to take firm hold and grow quickly on hard, worn-out or burned spots. The best time to resow them is very early in the spring, but seed may also be sown in the fall from first of September to first of October. Some **Lawn-restoring Grass Seed** should also be sown before every summer rain on thin places. Price per qt., 30 cts.; per bus. of 24 lbs., $5.

Thorburn's Lawn Grass for the South

A mixture of grasses that stand extremes of heat and drought well and that are therefore peculiarly adapted for southern lawns. Per bushel of 20 lbs., $5.

Thorburn's Grass Mixture for Shady Spots on Lawns

A mixture of grasses that thrive in shaded situations, under trees, or close to walls where there is little sun. Price per qt., 35 cts.; pk., $1.75; bus. of 24 lbs., $6.

Also Permanent Grass Seed for Golf Links, Tennis Courts and Polo Grounds

We have devoted much attention to the seeding and preservation of golf links, tennis courts and polo grounds, and offer the following mixtures, which have been used on most of the finest links, etc., in the country with very satisfactory results.

Fair Green or Golf Links Mixture

For the grounds in general. Per bushel of 20 lbs., $2.50.

Tennis Court Mixture

A mixture of extra fine grasses peculiarly adapted for tennis courts. This mixture will make a firm, green and lasting turf of the finest texture that will improve with tramping. Per qt., 30 cts.; peck, $1.75; bushel of 24 lbs., $6.

Putting-Green Mixture

A mixture of extra-fine grasses that will make a close, firm, green and lasting turf, which will improve with tramping. Per qt., 30 cts.; peck, $1.75; per bushel of 24 lbs., $6.

Polo Grounds Mixture

A mixture of fine-leaved and deep-rooting grasses, forming a strong and lasting turf that will stand hard usage. Per bushel of 20 pounds, $2.50.

Grass Seed Mixtures for Meadows and Pastures

For over a hundred years our house has made a specialty of grasses. The formation of permanent pastures and meadows has for many years been a subject of careful study with us, and the following mixtures for seeding grass-lands have received universal recognition.

Meadow Mixtures

Sow at the rate of 2 bushels to the acre

No. 1. For good land, neither too dry nor too wet. Per bushel of 20 lbs., $2.60.

No. 2. For high and dry land. Per bus. of 20 lbs., $3.

No. 3. For wet, late land. Per bus. of 20 lbs., $2.70.

Pasture Mixtures

Sow at the rate of 2 bushels to the acre

No. 4. For good land, neither too dry nor too wet. Per bushel of 20 lbs., $3.

No. 5. For dry land. Per bushel of 20 lbs., $3.25.

No. 6. For wet land. Per bushel of 20 lbs., $3.

Mushroom Spawn

We have always on hand fresh spawn of the very highest grade. Cultural directions will be found in our General Catalogue. Any one requiring fuller details should get Wm. Falconer's book on Mushroom Culture, which we send postpaid, for $1.

English Spawn. In bricks. Per lb., 15 cts.; 10 lbs., $1; 100 lbs., $9.

French Spawn. In bulk. Per lb., 30 cts.; 10 lbs., $2.50; 100 lbs., $22.

American Spawn. In bricks. Per lb., 15 cts.; 10 lbs., $1.25; 100 lbs., $10.

MUSHROOMS

Insecticides and Remedies for Plant Diseases

Bug Death

This is a fungicide, insecticide and plant-food combined. 1-lb. package, 15 cts.; 3-lb. package, 35 cts.; 5-lb. package, 50 cts.; 12½-lb. package, $1; 100-lb. package, $7.50.

Fir-Tree Oil

For greenhouse and house plants. Destroys all insects without injuring the plant. Dilute in the proportion of 1 pint to 20 gallons of water. Apply with vaporizer or syringe. ½pt., 40 cts.; pt., 75 cts.; qt., $1.25; ½gal., $2.25; gal., $4.

Fir-Tree Oil Soap

This is the same as the Fir-Tree Oil, but in soap form. Mix at the rate of 1 ounce to a gallon of water, and apply with bellows or syringe. ½-lb. tin, 25 cts.; 2-lb. tin, 75 cts.

Dalmatian Insect Powder

Effective against almost all kinds of insects. Per ½-lb. box, 30 cts.; per 1-lb. box, 50 cts.

Gishurst's Compound

A certain remedy for greenfly, scale, mealy bug, etc. Excellent for greenhouse use. Per 1-lb. box, 50 cts.

Hammond's Grape Dust

For the prevention of mildew on roses, grapes, gooseberries, etc. Apply with bellows. 5-lb. package, 35 cts.; 10-lb. package, 60 cts.; 100 lbs., $5.

Hellebore, Powdered

An excellent protection from currant worms, grape slugs, caterpillars, etc. May be applied dry or mixed in water—1 oz. to 3 gallons. Per 2-lb. box, 35 cts.; per 1-lb. box, 20 cts.; ½-lb box, 12 cts.

Kerosene Emulsion

For cabbage worms, scale on trees, caterpillars, melon louse, rose bugs, greenfly, etc., either on plants or animals. Dilute 25 to 50 parts. Qt., 40 cts.; gal., $1.

Lemon Oil

For destroying scale, caterpillar, mealy bug, etc. Directions on can. ½pt., 25 cts.; pt., 40 cts.; qt., 75 cts.; gal., $2.

Antipest

A sure destroyer of all insect pests. Qt., 60 cts.; ½gal. can, $1; gal. can, $2.

Nicoticide

For fumigating or spraying. Used effectually for greenfly, mealy bug, etc. Does not damage foliage or flowers. Sold in cans as follows: No. 1, containing 1 pt., sufficient for 32,000 cubic feet of space, $2.50 each; No. 2, containing ½ pt., sufficient for 16,000 cubic feet of space, $1.25; No. 3, containing ¼ lb., sufficient for 8,000 cubic feet of space, 70 cts. Per gal., $16. Fumigators for same, 50 cts. each.

"Nico-Fume" Tobacco-Paper

For fumigating greenhouses. "Nico-Fume" is the strongest Tobacco-Paper on the market; does not injure blooms. Packed in special friction-top tins. 24 sheets, 75 cts.; 144 sheets, $3.50; 288 sheets, $6.50.

Nico-Fume Liquid

For fumigating or spraying. Effective against greenfly, mealy bug, etc. Does not stain nor injure blooms, and leaves no disagreeable odor. For spraying, 1 to 2 teaspoonfuls to a gallon of water. ¼pt., 50 cts.; pt., $1.50; ½gal., $5.50; gal., $10.50.

Paris Green

Mixed at the rate of 1 lb. to 200 gallons of water, it will prove effective against all chewing insects. Per 1-lb. can, 45 cts.; ½-lb. can, 25 cts.; ¼-lb. can, 15 cts. This article is liable to fluctuate in price.

Slug-Shot (Hammond's)

Excellent for destroying cabbage, turnip and beet fly, potato bugs, currant worms, etc. 5-lb. package, 30 cts.; 10-lb. package, 50 cts.; 100 lbs., $4.

Sulphur, Powdered

Valuable for protecting against mildew on grapes, roses, etc. Per lb., 10 cts.; 10 lbs., 60 cts.; 100 lbs., $4.

Sulpho-Tobacco Soap

Dissolve in proportion of 2 ounces to a gallon of water, and apply with a syringe or atomizer. It will destroy rose slugs, aphides, greenfly, bark-lice, etc. Per 3-oz. box, 10 cts.; 8-oz. box, 20 cts.; 10-lb. box, $3.

Tobacco Dust.

If dusted on *while the foliage is moist* it destroys rose lice, cabbage and turnip fleas, etc. Spread upon the ground, it keeps off all earth insects. Per 1-lb box, 10 cts.; 5-lb., 30 cts.; 10-lb., 50 cts.; per 100 lbs., $2.50.

Tobacco Stems

For fumigating plants infested with greenfly. Per bale of about 100 lbs., $1.50; 200 lbs., $2.75; 400 lbs., $4.50.

"Rose Leaf" Tobacco Extract

A perfectly pure, highly concentrated extract of tobacco, most effective for destroying all insects and scale on plants. Pint-cans, 30 cts.; qt., 50 cts.; gal., $1.25.

Whale-Oil Soap

For washing trees and destroying all insects on the bark. Per 1-lb. box, 15 cts.; 5 lbs., 50 cts.; 10 lbs., 90 cts.; 100 lbs.. $7.

Bordeaux Mixture, or Fungiroid

For all fungous diseases. Dry, 1-lb. box, 20 cts.; 5 lbs. and over at 18 cts. per lb.; 50 lbs., $7; liquid, qt., 40 cts.; gal., $1.25.

FOR SAN JOSE SCALE

Horicum (Hammond's). A lime, sulphur and salt mixture, entirely free from grit. 1 gallon makes 25 by adding sufficient water. Qt., 40 cts.; ½ gal., 75 cts.; gal., $1.25.

California Wash. (Lime, sulphur and salt.) One gallon makes 25 by adding sufficient water. Qt., 40 cts.; gal., $1.

Scalecide. Petroleum oil that mixes at once with water and stays mixed. No hot water necessary. Add 1 gallon for every 15 to 20 gallons water. Gal., $1; 5 gals., $3.25.

Thorburn's High-Grade Fertilizers

Thorburn's Lawn Fertilizers

Per ton, $48; single bags of 167 lbs., $4.50; per bag of 100 lbs., $3; 50 lbs., $1.75; 25 lbs., $1; 10 lbs., 50 cts.

Thorburn's Complete Manure

Ton, $38; single bag of 167 lbs., $3.50; bag of 100 lbs., $2.25; 50 lbs., $1.50; 25 lbs., $1; 10 lbs., 50 cts.

Clay's Celebrated Fertilizer

One of the best manures for all horticultural purposes. 1 cwt. (112 lbs.), $7; ½ cwt. (56 lbs.), $4; ¼ cwt. (28 lbs.), $2.25; ⅛ cwt. (14 lbs.), $1.25.

Pulverized Sheep Manure

Excellent as a top-dressing for lawns. Nothing better for mixing with soil for greenhouse plants—one part manure and six parts soil. 5-lb. package, 35 cts.; 10 lbs., 60 cts.; 50 lbs., $1.50; 100 lbs., $2.50; ton, $35.

Thompson's Vine Manure

Per cwt. (112 lbs.), $7; ½ cwt. (56 lbs.), $4.

Pure Ground Bone Meal

This finely pulverized ground-bone is excellent for rose culture. It is excellent for mixing with the soil for potting. 5 lbs., 25 cts.; 50 lbs., $1.25; 100 lbs., $2.25; per ton, $33.

Canada Hard-Wood Ashes

Highest grade, extra-screened, unleached, analysis guaranteed. For top-dressing for lawns, especially if the soil is inclined to be stiff or sour, there is nothing better. In barrels of 200 lbs., $3; per ton, $22.

Albert's Plant Food

The best fertilizer for house plants. Full directions on each tin. 15 cts. per tin; by mail, 25 cts.

Horticultural Implements, Etc.

Cypress Flower or Tree Tubs

Flower Tubs, Columbia. Made of cypress timber. Natural varnish finish.

	Each
12 in. diam., by 11 in. high	$1 00
15 " " " 14 " "	1 50
18 " " " 16½ " "	2 00
21 " " " 18½ " "	2 50
24 " " " 20½ " "	3 00

American Tree Tubs. Made of cypress timber, painted green.

No.	Diam.	Height	Each
1,	13½ in.	11½ in.	$1 00
2,	14½ "	14 "	1 20
3,	16 "	16 "	1 50
4,	20 "	18 "	2 00
5,	24 "	20 "	3 00
6,	25½ "	22 "	3 75

Bamboo Canes. 6 to 8 feet long in bundles of 250, $1 per 100; 250, $2.25; 500, $4.25; 1,000 and over, $8 per 1,000. Not less than 100 sold.

	Doz.	100
Carnation Supports, Model Extension. 2 ring..	$0 50	$3 00
" " " " 3 ring..	60	3 50

Galvanized Wire Stakes. For roses, etc.

2 feet	30	2 00
3 feet	40	2 50
4 feet	50	3 00
5 feet	60	3 50

Glazing Points, Van Reyper's (Peerless). Per 1,000, 75 cts.; pincers for same, 50 cts. each.

Glazing Putty Bulbs (Scollay's). $1 each; by mail, $1.10.

Grafting Wax. In ¼-, ½- and 1-lb. package, per lb., 30c.

Grape Scissors. Best English. For thinning the bunches. Each, 90 cts., $1.25 and $1.50.

Hedge Shears, "Neverslip." Serrated edge. Will leave your hedge cleanly cut. Will not slip and is self-sharpening. 8-inch, $1.80 each; 9-inch, $2.25 each; 10-inch, $2.50 each.

Horse Boots. Made of very strong, heavy leather, closely riveted. Per set of 4, $9.

Horse Boots. Reinforced inside with steel plate. Per set of 4, $11.

Hose, Rubber, Three-ply. ¾-inch, in any length. Wallabout, per foot, 15 cts.; Cascade, per foot, 15 cts.; Triton, per foot, 18 cts.; Electric, per foot, 20 cts.

Hotbed Sash. Best quality. Unglazed, 3 x 6 feet. Each, $1.10; per doz., $12. Glazed, 3 x 6 feet. Each, $3; per doz., $35.

Hyacinth Glasses. Tall Shape. Blue, Green and Purple. Each, 20 cts.; per doz., $1.75.

Tye's Style. Blue, Green and Purple. Each, 20 cts.; per doz., $1.75.

Labels, Wooden

Pot and Garden—	PLAIN Per 100	PLAIN 1,000	PAINTED Per 100	PAINTED 1,000
4- inch	$0 15	$0 60	$0 15	$0 90
4½- "	15	80	20	1 00
5- "	15	90	20	1 25
6- "	20	1 00	25	1 35
8- "	40	3 50	50	4 00
12- "	55	4 50	65	5 00
Notched, Tree—				
3½-inch	10	60	15	90
6- "	20	1 50	25	2 00
3½- " (copper-wired)	20	1 75	30	2 25

Mastica. For glazing greenhouses, sashes, etc. Per qt., 40 cts.; ½ gal., 70 cts.; gal., $1.25.

Mastica Glazing Machine. Each, $1.25.

Mats. For covering sashes. Made of jute, stitched through; hemmed with canvas and thickly padded; size 76 inches by 76 inches; one mat covers two sashes.

No. 1. Both sides jute. Each, $1.50; per doz., $16.

No. 2. One side jute, the other side waterproof duck. Each. $1.80; per doz., $21.

Pruners. Waters' Long-handled Tree. 4 feet, 75 cts. each; 6 feet, 80 cts. each; 8 feet, $1 each; 10 feet, $1.10 each.

Little Giant Pruner and Saw combined. $1.50.

"California." Serrated edge. 75 cts. each.

Sulphur Vaporizer (Campbell's Patent). Designed to vaporize sulphur in greenhouses without danger of the sulphur taking fire or disfiguring foliage. Useful for killing mildew and other fungous diseases.
No. 1. For houses up to 5,000 cubic feet of space, $6.
No. 2. For houses up to 10,000 cubic feet of space. $7.50.

Thermometers. Hotbed and mushroom bed. Boxwood, brass tips; made for plunging. Each, $1 and $1.75.

732T26T87 J. HORACE McFARLAND COMPANY, HORTICULTURAL PRINTERS, HARRISBURG, PA.

STRAWBERRY PLANTS.

Those marked (P.) have pistillate, or imperfect flowers, and must be planted near perfect-flowering kinds, in order that the flowers may be fertilized. The varieties not so marked are bi-sexual, or perfect-flowering, and can be planted alone.

POT GROWN PLANTS

(Ready about July 15th)

	per 25	per 50	per 100
Brandywine. Large, roundish conical, glossy crimson, firm and solid; of fine aromatic flavor. Plant vigorous and productive; succeeds on any soil. Midseason to late	$1 25	$2 00	$3 25
Bubach. (P.) A large berry of dark color. Productive. Largely grown for market. Midseason	1 25	2 00	3 50
Climax. Very large and enormously productive; nearly round and very uniform. Early	1 25	2 00	3 25
Clyde. Very regular, bright scarlet berries; large and of excellent flavor; firm, and a good shipper. Plant remarkably healthy, vigorous and productive. Season early	1 25	2 00	3 50
Excelsior. A valuable, early perfect flowering berry; large, firm and productive, and of fine flavor; a vigorous grower, desirable either for home use or for market	1 25	2 00	3 50
Glen Mary. Large, bright glossy crimson, of fine flavor. Plant is strong and healthy, very prolific, and on good soil the berries are large to the end of the season. Early	1 25	2 00	3 50
Hunn. (P.) Very productive, large size, uniform shape, dark crimson, firm flesh of the finest flavor. A strong grower. Late	1 25	2 00	3 50
Jessie. A very large berry, light crimson in color, firm and of fine flavor. Very early and productive	1 25	2 00	3 50
Marshall. Large, dark crimson, good. Plant luxuriant, but needs rich soil and careful culture. Midseason	1 25	2 00	3 25
New York. The berries are very large, ripening midseason. Color dark scarlet, changing to crimson when fully ripe. Colors all over at once. Quality first-class	1 25	2 00	3 25
Nick Ohmer. For market, for home use or for exhibition, this is probably the greatest berry ever offered. It is a healthy, vigorous grower, and of great productiveness. The fruit is of mammoth size, beautiful in form and color and of excellent quality	1 25	2 00	3 50
Oom Paul. Very large and very firm for such a large berry. The plant is thrifty and open growing with glossy dark green foliage. The berry is of fine color and of good quality, and a fine shipper	1 25	2 00	3 50
Parson's Beauty. The berries are conical in form, bright red, firm and very attractive. A remarkable producer. Midseason	1 25	2 00	3 50
President. (P.) Almost round, uniform in shape, flesh solid; color rich crimson; strong grower; exceedingly productive and continues bearing till end of the season. Midseason	1 25	2 00	3 50
Schofield. A very heavy producer, of large bright red berries of fine quality. The foliage is large and a perfect type, growing tall and making ample protection for both bloom and berries, a point worthy of consideration. Season early to late	1 50	2 50	4 00

Senator Dunlap. A new variety, seemingly of much merit. Fruit is of good size, regular and attractive in form, deep red in color without and within, firm in substance and of excellent quality	1 25	2 00	3 25
Uncle Jim. A very valuable midseason variety of large size and wonderful productiveness; bright red color and finest quality	1 25	2 00	3 50
Up-to-date. Light red berries of high rich quality; very productive; a splendid family sort	1 25	2 00	3 50
Wm. Belt. The berries are as large as Bubach, more uniform in shape, just as productive, and the color is perfect. Midseason	1 25	2 00	3 25

LAYER PLANTS

(Ready about August 15th)

Per 50..... .75 Per 100..... $1 25 Per 1,000..... $8 00

Of the Layer Plants we do not sell less than 50 of a kind.

J. M. THORBURN & CO. 33 BARCLAY STREET THROUGH TO 38 PARK PLACE, **NEW YORK.**

STRAWBERRY PLANTS.

These marked (P.) have pistillate or imperfect flowers, and must be planted near perfect-flowering kinds, in order that the flowers may be fertilized. The varieties not so marked are hermaphrodite, or perfect-flowering, and can be planted alone.

POT GROWN PLANTS

(Ready about July 15th)

	Per 25	Per 50	Per 100
Brandywine. Large, roundish conical, glossy crimson, firm and solid; of fine, aromatic flavor. Plant vigorous and productive; succeeds on any soil. Midseason to late	$1 25	$2 00	$3 25
Bubach. (P.) A large berry of dark color. Productive. Largely grown for market. Midseason	1 25	2 00	3 50
Climax. Very large and enormously productive; nearly round and very uniform. Early	1 25	2 00	3 25
Clyde. Very regular, bright scarlet berries; large and of excellent flavor; firm, and a good shipper. Plant remarkably healthy, vigorous and productive. Season early	1 25	2 00	3 50
Excelsior. A valuable, early perfect flowering berry; large, firm and productive, and of fine flavor; a vigorous grower, desirable either for home use or for market	1 25	2 00	3 50
Glen Mary. Large, bright glossy crimson, of fine flavor. Plant is strong and healthy, very prolific, and on good soil the berries are large to the end of the season. Early	1 25	2 00	3 50
Hunn. (P.) Very productive, large size, uniform shape, dark crimson, firm flesh of the finest flavor. A strong grower. Late	1 25	2 00	3 50
Jessie. A very large berry, light crimson in color, firm and of fine flavor. Very early and productive	1 25	2 00	3 50
Marshall. Large, dark crimson, good. Plant luxuriant, but needs rich soil and careful culture. Midseason	1 25	2 00	3 25
New York. The berries are very large, ripening midseason. Color dark scarlet, changing to crimson when fully ripe. Colors all over at once. Quality first-class	1 25	2 00	3 25
Nick Ohmer. For market, for home use or for exhibition, this is probably the greatest berry ever offered. It is a healthy, vigorous grower, and of great productiveness. The fruit is of enormous size, beautiful in form and color and of excellent quality	1 25	2 00	3 50
Oom Paul. Very large and very firm for such a large berry. The plant is sturdy and open growing with glossy dark green foliage. The berry is of fine color and of good quality, and a fine shipper	1 25	2 00	3 50
Parson's Beauty. The berries are conical in form, bright red, firm and very attractive. A remarkable producer. Midseason	1 25	2 00	3 50
President. (P.) Almost round, uniform in shape, flesh solid; color rich crimson; strong grower; exceedingly productive and continues bearing till end of the season. Midseason	1 25	2 00	3 50
Schofield. A very heavy producer, of large bright red berries of fine quality. The foliage is large and a perfect type, growing tall and making ample protection for both bloom and berries, a point worthy of consideration. Season early to late	1 50	2 50	4 00
Senator Dunlap. A new variety, seemingly of much merit. Fruit is of good size, regular and attractive in form, deep red in color without and within, firm in substance and of excellent quality	1 25	2 00	3 25
Uncle Jim. A very valuable midseason variety of large size and wonderful productiveness; bright red color and fruit quality	1 25	2 00	3 50
Up-to-date. Light red berries of high quality; very productive; a splendid family sort	1 25	2 00	3 50
Wm. Belt. The berries are as large as Bubach, more uniform in shape, just as productive, and the color is greater. Midseason	1 25	2 00	3 25

LAYER PLANTS

(Ready about August 15th)

Per 50 ..... .75 Per 100 ..... $1 25 Per 1,000 ..... $5 00

Of the Layer Plants we do not sell less than 50 of a kind.

J. M. THORBURN & CO. 33 BARCLAY STREET NEW YORK.
TRANSFER TO 38 PARK PLACE

J. M. THORBURN & COMPANY

33 Barclay St. 38

Through to Park Place.